S 8225-1-H

VIRGINIA

1987 Vital Statistics Annual Report

VDH

Center for Health Statistics
Virginia Department of Health
Richmond

$5.00

COMMONWEALTH of VIRGINIA

Department of Health

C.M.G. BUTTERY, M.D.
COMMISSIONER

The Honorable Gerald L. Baliles
Governor of Virginia
Richmond, Virginia

Dear Governor Baliles:

It is a pleasure to present the seventy-fifth vital statistics annual report of the Virginia Department of Health for calendar year 1987.

The report contains narrative descriptions and statistical tables of vital records and communicable diseases information relative to the experiences of Virginia and her citizens during 1987 and indicates trends of specific events during recent years.

Data in the report indicate that annual vital events relative to Virginians increased for births, deaths, induced abortions, marriages and divorces. A slight decrease was experienced, however, for natural fetal deaths. During each day of 1987, Virginians averaged approximately:

Births		247	Induced Abortions		89
Low Weight	17		Natural Fetal Deaths		20
Illegitimate	56				
Deaths		128	Marriages		184
Infant Deaths	3		Divorces		70
Neonatal Deaths	2				

Respectfully submitted,

C. M. G. Buttery, M.D., M.P.H.
State Health Commissioner

VDH
Virginia Department of Health

Virginia

1987
Vital Statistics
Annual Report

Center for Health Statistics

Virginia Department of Health
Richmond, Virginia
December, 1988

C O N T E N T S

V I T A L S T A T I S T I C S

Analysis	Page
Introduction	3
Definitions	3
Cities and Counties and Planning Districts	4
Interpretation of Data	7
Population	8
Resident Births	9
Infant Mortality	21
Maternal Deaths	23
All Pregnancy Terminations	25
All Fetal Deaths	26
Induced Abortions	26
Natural Fetal Deaths	28
Resident Deaths	31
Marriages	39
Divorces and Annulments	43
Cremations	47

Charts

Chart A.	Resident Birth Rates by Race, Virginia, 1960-1987	10
Chart B.	Median Age at Birth for All Births and First Births, Virginia, 1960-1987	12
Chart C.	Percent Illegitimate Births by Race, Virginia, 1960-1987	14
Chart D.	Infant Mortality, Virginia, 1960-1987	22
Chart E.	Total Pregnancies by Age, Virginia, 1987	24
Chart F.	Resident Death Rates by Race, Virginia, 1960-1987	30
Chart G.	Percent of Deaths by Age Group, Virginia, 1960-1987	32
Chart H.	Five Leading Causes of Death, Virginia, 1987	34
Chart I.	Median Age at Marriage, Virginia, 1960-1987	40
Chart J.	Divorces Involving Children, Virginia, 1987	44

Vital Events Summary — Page

Table 1. Vital Events by Planning District and City or County of Residence with Rates (Marriages and Divorces by Place of Occurrence), Virginia, 1987 50

Population

Table 2. Projected Population for July 1, 1987, by Race by Planning District and City or County, Virginia 52

Vital Statistics Trends

Table 3. Estimated Population, Births, Deaths, Marriages, and Divorces, with Rates per 1,000 Population by Race, Virginia, 1968-1987 53

Table 4. Resident Illegitimate Births and Low Weight Births with Percent of Total Births, and Deaths Under One Year and Under 28 Days with Rate per 1,000 Live Births by Race, Virginia, 1968-1987 54

Table 5. Resident Total Pregnancy Terminations, Live Births, All Fetal Deaths, Induced Abortions, and Natural Fetal Deaths with Rates per 1,000 Females Aged 15-44 by Race, Virginia, 1968-1987 55

Births, Induced Abortions and Natural Fetal Deaths

Table 6. Live Births by Place of Occurrence and Place of Residence with Resident Rate per 1,000 Population by Race by Planning District and City or County, Virginia, 1987 56

Table 7. Live Births by Race and Place of Delivery by Planning District and City or County of Residence, Virginia, 1987 58

Table 8. Illegitimate Live Births, Low Weight Births, and Congenital Anomalies with Percent of Total Births by Race, by Planning District and City or County of Residence, Virginia, 1987 ... 60

Table 9. Resident Live Births by Race by Age of Mother by Planning District and City or County of Residence, Virginia, 1987 ... 62

Table 10. Resident Live Births by Birth Order by Birth Weight, Virginia, 1987 68

Table 11. Resident Live Births by Birth Weight by Race and Age of Mother, Virginia, 1987 69

Table 12. Resident Live Births by Live Birth Order, by Age and Race of Mother, Virginia, 1987 70

Table 13. Percent Distribution of Resident Live Births by Live Birth Order by Age and Race of Mother, Virginia, 1987 70

Page

Table 14. Resident Live Births by Education of Mother by Birth Order, Virginia, 1987 71

Table 15. Resident Live Births by Education of Mother by Trimester Care Began, Virginia, 1987 71

Table 16. Resident Live Births by Birth Order by Trimester Care Began, Virginia, 1987 71

Table 17. Resident Live Births by Age of Mother by Trimester Care Began, Virginia, 1987 71

Table 18. Resident Births with Apgar Score by Age of Mother, Virginia, 1987 72

Table 19. Resident Births with Apgar Score by Race and Sex, Virginia, 1987 72

Table 20. Complications of Pregnancy Reported for Resident Live Births by Trimester Care Began, Virginia, 1987 73

Table 21. Congenital Anomalies Reported for Resident Live Births by Trimester Care Began, Virginia, 1987 73

Table 22. Resident Live Births and Natural Fetal Deaths by Race and Sex by Month of Delivery and Number Delivered per Pregnancy, Virginia, 1987 74

Table 23. Resident Live Births by Sex and Sex Ratio by Race, Virginia, 1978-1987 74

Table 24. Resident Pregnancies (Live Births, Natural Fetal Deaths and Induced Abortions) by Race and Legitimacy Status with Percent Illegitimate by Age of Mother, Virginia, 1987 74

Table 25. Resident Live Births by Race and Legitimacy Status with Percent Illegitimate by Age of Mother, Virginia, 1987 75

Table 26. Resident Natural Fetal Deaths by Race and Legitimacy Status with Percent Illegitimate by Age of Mother, Virginia, 1987 . 75

Table 27. Resident Induced Abortions by Race and Legitimacy Status with Percent Illegitimate by Age of Mother, Virginia, 1987 . 75

Table 28. Teenage Total Pregnancies, Live Births, Induced Abortions, and Natural Fetal Deaths by Planning District and City or County of Residence, Virginia, 1987 76

Table 29. Natural Fetal Deaths by Length of Gestation by Race by Planning District and City or County of Residence, Virginia, 1987 78

Table 30. Resident Natural Fetal Deaths by Age of Mother by Planning District and City or County of Residence, Virginia, 1987 ... 80

Page

Table 31. Induced Abortions by Race and Legitimacy Status with Percent Illegitimate by Planning District and City or County of Residence, Virginia, 1987 82

Table 32. Resident Induced Abortions by Age of Mother by Planning District and City or County of Residence, Virginia, 1987 ... 84

Table 33. Resident Natural Fetal Deaths, Length of Gestation by Race by Cause of Death, Virginia, 1987 86

Infant Deaths

Table 34. Neonatal Deaths with Rates per 1,000 Live Births by Race by Planning District and City or County of Residence, Virginia, 1987 87

Table 35. Infant Deaths by Place of Occurrence and Place of Residence with Resident Rate per 1,000 Live Births by Race by Planning District and City or County, Virginia, 1987 88

Table 36. Perinatal Mortality Rate with Infant Deaths Under One Week and Fetal Deaths 28 Weeks and Over Gestation, by Race by Planning District and City or County of Residence, Virginia, 1987 90

Table 37. Resident Infant Deaths by Race and Sex by Cause of Death with Rates per 100,000 Live Births, Virginia, 1987 92

Table 38. Resident Infant Deaths by Age and Cause of Death, Virginia, 1987 94

Deaths

Table 39. Deaths by Place of Occurrence and Place of Residence with Resident Rate per 1,000 Population by Race by Planning District and City or County, Virginia, 1987 96

Table 40. Resident Deaths from Important Causes with Rates per 100,000 Population by Race, Virginia, 1978-1987 98

Table 41. Resident Deaths by Age by Cause, Race and Sex, Virginia, 1987 100

Table 42. Five Leading Causes of Death in Specified Age Groups by Race, Virginia, 1987 107

Table 43. Resident Accidental Deaths by Age, by Type of Accident, Virginia, 1987 108

Table 44. Resident Home Accidental Deaths by Age, by Type of Accident, Virginia, 1987 109

Table 45. Deaths by Place of Occurrence and Place of Residence by Race by Cause, Virginia, 1987 110

Page

Table 46. Deaths by Planning District and City or County of Residence by Race by Cause, Virginia, 1987 111

Marriages

Table 47. Marriages by Place of Marriage, Residence of Bride, and Residence of Groom by Race, by Planning District and City or County, Virginia, 1987 150

Table 48. Marriages by Type of Ceremony by Month, Virginia, 1987 152

Table 49. Marriages by Previous Marital Status of Bride by Previous Marital Status of Groom According to Race of Groom, Virginia, 1987 152

Table 50. Marriages by Age of Bride by Age of Groom, Virginia, 1987 .. 153

Divorces

Table 51. Divorces (Including Annulments) by Race of Husband and Cause of Divorce by Planning District and City or County Where Granted, Virginia, 1987 154

Table 52. Divorces (Including Annulments) and Annulments Only by Race by Month of Decree, Virginia, 1987 156

Table 53. Divorces (Including Annulments) by Race of Husband by Place of Marriage and Number of Minor Children in Family, Virginia, 1987 156

Table 54. Divorces (Including Annulments) by Duration of Marriage and Person Granted Divorce by Plaintiff and Cause of Divorce, Virginia, 1987 157

Table 55. Divorces (Including Annulments) by Age of Wife by Age of Husband, Virginia, 1987 158

COMMUNICABLE DISEASE

Analysis 160

Certain Communicable Diseases

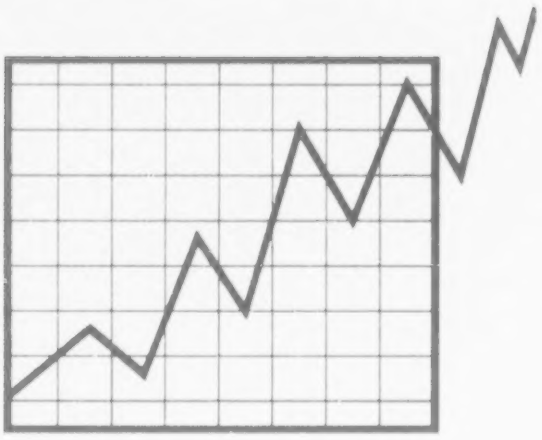
Table 56. Reported Cases and Deaths from Certain Communicable Diseases with Case Rates per 100,000 Estimated Population, Virginia, 1978-1987 164

Table 57. Reported Cases of Certain Communicable Diseases by Planning District and City or County of Residence, Virginia, 1987 ... 165

Venereal Disease

Table 58. Reported Cases of Venereal Disease, by Planning District and City or County of Residence, Virginia, 1987 169

Vital Statistics



V I T A L S T A T I S T I C S

INTRODUCTION

Vital Statistics data for Virginia for the year 1987 are presented in this Statistical Annual Report, the seventy-fifth in the series. Data regarding births and deaths have been compiled each year since 1913, the year after the General Assembly passed the original Vital Statistics Act. Marriage data are available for each year since 1917, and divorce statistics have been recorded and tabulated since 1918. Currently, certificates are filed in the Division of Vital Records and data are tabulated by the Center for Health Statistics.

In this report, the data are described and briefly analyzed in narrative form. Following this, the vital statistics are presented in detailed tables showing trends experienced in Virginia for the twenty-year period 1968-1987. For 1987 events, tables containing information for the State and for independent cities and counties are also included. Cities and counties are grouped into the twenty-two State planning districts, and planning district totals are also given.

Most tabulations are based on births, deaths, natural fetal deaths, induced abortions, marriages, and divorces recorded in the Division of Vital Records and known births and deaths of Virginia residents which occurred outside the State. Since resident data reflect local conditions, the majority of material in this vital statistics report is presented by place of residence although a few tables are by place of occurrence of the event. The title of each table of data on births, deaths, natural fetal deaths, induced abortions, and marriages specifies whether the tabulation is compiled by place of occurrence or by place of residence. The divorce data are presented by city or county where the court granted the divorce.

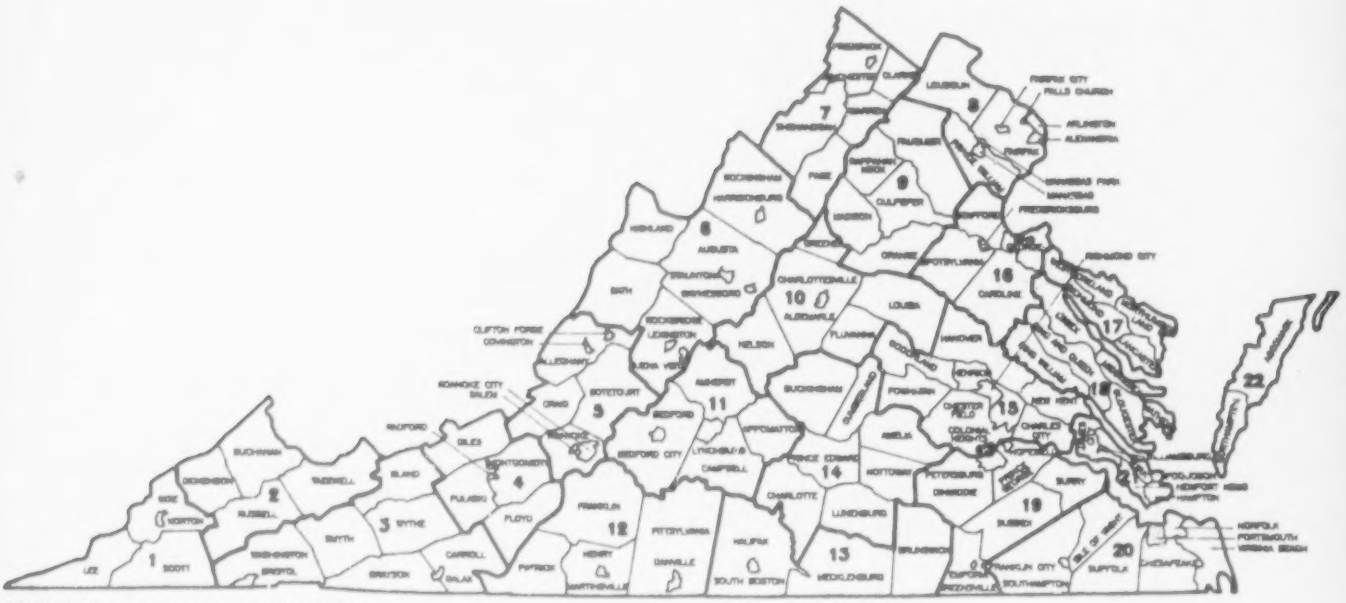
DEFINITIONS

Residence is the city or county where the deceased resided for a death, where the mother resides for a birth, or where the patient resides for a natural fetal death or induced abortion. Marriages are tabulated according to the city or county of residence for both the bride and the groom.

White and nonwhite breakdowns are given for most data. "White" includes persons reported as Mexican and Puerto Rican and those not specifically designated as nonwhite. "Nonwhite" includes Black, a reported mixture of Black with any other race, and all other nonwhite races and mixtures. For marriage and divorce figures, white and nonwhite refer to the race of the husband. For birth and fetal death data, white and nonwhite refer to the race of the mother.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.7)

COMMONWEALTH OF VIRGINIA
CITIES AND COUNTIES
AND
PLANNING DISTRICTS



SOURCE: Virginia Department Of Health

CITIES AND COUNTIES BY PLANNING DISTRICT, VIRGINIA

Planning District Number		Planning District Number		Planning District Number		Planning District Number	
	INDEPENDENT CITIES	13	South Boston	2	Dickenson	10	Nelson
8	Alexandria	6	Staunton	19	Dinwiddie	15	New Kent
11	Bedford	20	Suffolk	18	Essex	22	Northampton
3	Bristol	20	Virginia Beach	8	Fairfax	17	Northumberland
6	Buena Vista	6	Waynesboro	9	Fauquier	14	Nottoway
10	Charlottesville	21	Williamsburg	4	Floyd	9	Orange
20	Chesapeake	7	Winchester	10	Fluvanna	7	Page
5	Clifton Forge			12	Franklin	12	Patrick
19	Colonial Heights			7	Frederick	12	Pittsylvania
5	Covington		COUNTIES	4	Giles	15	Powhatan
12	Danville	22	Accomack	18	Gloucester	14	Prince Edward
19	Emporia	10	Albemarle	15	Goochland	19	Prince George
8	Fairfax	5	Alleghany	3	Grayson	8	Prince William
8	Falls Church	14	Amelia	10	Greene	4	Pulaski
20	Franklin	11	Amherst	19	Greensville	9	Rappahannock
16	Fredericksburg	11	Appomattox	13	Halifax	17	Richmond
3	Galax	8	Arlington	15	Hanover	5	Roanoke
21	Hampton	6	Augusta	15	Henrico	6	Rockbridge
6	Harrisonburg	6	Bath	12	Henry	6	Rockingham
19	Hopewell	11	Bedford	6	Highland	2	Russell
6	Lexington	3	Bland	20	Isle of Wight	1	Scott
11	Lynchburg	5	Botetourt	21	James City	7	Shenandoah
8	Manassas	13	Brunswick	16	King George	3	Smyth
8	Manassas Park	2	Buchanan	18	King and Queen	20	Southampton
12	Martinsville	14	Buckingham	18	King William	16	Spotsylvania
21	Newport News	11	Campbell	17	Lancaster	16	Stafford
20	Norfolk	16	Caroline	1	Lee	19	Surry
1	Norton	3	Carroll	8	Loudoun	19	Sussex
19	Petersburg	15	Charles City	10	Louisa	2	Tazewell
21	Poquoson	14	Charlotte	14	Lunenburg	7	Warren
20	Portsmouth	15	Chesterfield	9	Madison	3	Washington
4	Radford	7	Clarke	18	Mathews	17	Westmoreland
15	Richmond	5	Craig	13	Mecklenburg	1	Wise
5	Roanoke	9	Culpeper	18	Middlesex	3	Wythe
5	Salem	14	Cumberland	4	Montgomery	21	York

A low weight birth (formerly called immature birth) is one for which the birth weight is 2,500 grams (5 pounds 8 ounces) or less, regardless of the period of gestation.

An illegitimate event (birth, induced abortion, natural fetal death) is one which occurred to a woman who was not married to the father of the child at the time of the event and had not been married to him at any time during the preceding 10 months.

A fetal death is defined as the death caused by induced abortion or the death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.2)

Induced abortion is a fetal death where the pregnancy has been deliberately terminated with the purpose of producing a nonviable fetus. Molar and ectopic pregnancies are excluded.

A natural fetal death is a fetal death that is not an induced abortion.

Infant deaths are deaths of children under one year of age. Neonatal deaths are deaths of children under 28 days of age. Hebdomadal deaths are deaths of children under one week of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the nosologists in the Center for Health Statistics to assign the proper code number from the Ninth Revision, International Classification of Diseases, so that deaths may be classified by underlying cause. Because of the classification revision, cause-of-death figures beginning with 1979 data are not entirely comparable with those of earlier years.

In order to compare death rates from certain causes for the years 1979-1987 with the death rates for a year or years during the period 1969-1978, the estimated number of deaths from those causes during the early period must be derived by the use of comparability ratios which were computed by the National Center for Health Statistics from the results of dual coding of certificates according to the old and the new procedures. The comparability ratios are the number of deaths classified to a given cause by the Ninth Revision divided by the number of deaths classified to that cause by the Eighth Revision. Comparability ratios have been published by the National Center for Health Statistics in the Monthly Vital Statistics Report, Vol. 28, No. 11, Supplement, February 29, 1980.

Beginning with data for 1987, the National Center for Health Statistics added classification categories for human immunodeficiency virus (HIV) infection (AIDS). Deaths classified to HIV infection for 1987 are included in "Other infectious & parasitic diseases" in Tables 41, 45 and 46 and are also shown in a separate section of the narrative portion of this report. For 1986 and previous years, deaths involving HIV infection were classified to various categories, so comparable data are not available.

Rates used in this report are defined below:

$$\text{Birth rate} = \frac{\text{Number of live births}}{\text{Estimated total midyear population}} \times 1{,}000$$

$$\text{Death rate} = \frac{\text{Number of deaths}}{\text{Estimated total midyear population}} \times 1{,}000$$

$$\text{Infant mortality rate} = \frac{\text{Number of deaths under one year of age}}{\text{Total number of live births}} \times 1{,}000$$

$$\text{Neonatal mortality rate} = \frac{\text{Number of deaths under 28 days of age}}{\text{Total number of live births}} \times 1{,}000$$

$$\text{Perinatal mortality rate} = \frac{\text{(Number of deaths under one week of age + number of fetal deaths 28 weeks and over gestation)}}{\text{Total number of live births + number of fetal deaths 28 weeks and over gestation}} \times 1{,}000$$

$$\text{Maternal mortality rate} = \frac{\text{Number of maternal deaths}}{\text{Total number of live births}} \times 100{,}000$$

Death rates by cause are calculated per 100,000 estimated population.

Resident rates refer to births or deaths of residents of Virginia (or of a planning district, city or county) and are based on estimated total population, or total live births of the area. No city, county, or planning district resident marriage or resident divorce rates are published in this report. The marriage rates and divorce rates for the State given in Table 3 include all marriages performed in Virginia or all divorces granted in Virginia courts and are calculated per 1,000 estimated population.

A "resident" marriage rate has limited meaning because there is at present no interstate exchange of marriage records, hence no way of knowing how many residents of Virginia are married in other states. Furthermore, the bride and the groom may be residents of two different Virginia localities. According to Virginia law, one party of a divorce must be a resident of this State for a year prior to the commencement of the suit. Because 14 independent cities do not have separate courts but share a court with the adjoining county, there are no separate divorce figures for these cities. (See Table 51).

The median is defined as the observation that divides a distribution into two equal parts, with 50 percent of the observations below and 50 percent above it in value.

Total population data by city and county for 1987, as shown in Table 2, are projections prepared by the Virginia State Data Center, Department of Planning and Budget.

INTERPRETATION OF DATA

Collection. In Virginia, all birth, fetal death, and death certificates are filed in the local health department of the county or independent city where the event occurred by hospitals, physicians, midwives, and funeral directors. Each local health office forwards the records semi-monthly to the Division of Vital Records. Marriage certificates and divorce abstracts are transmitted monthly to the Division by clerks of the various city and county courts.

Interstate exchange of vital records. An interstate exchange of birth and death certificates provides a count of out-of-state events occurring to Virginia residents. These figures are included in the resident data for Virginia cities and counties. Likewise, copies of certificates of events occurring in Virginia to non-residents are sent to the proper states. Since a large number of births to northern Virginia residents occur in District of Columbia hospitals, the number of out-of-state births to Virginia residents greatly exceeds the number of non-resident births occurring in the State. Out-of-state deaths also outnumber non-resident deaths, but by a smaller margin.

LOCATION OF BIRTH OR DEATH

Location	Births, 1987			Deaths, 1987		
	Total	White	Nonwhite	Total	White	Nonwhite
Occurring in Virginia	87,613	64,504	23,109	46,012	35,516	10,496
Residents of Virginia	85,210	62,578	22,632	43,932	33,787	10,145
Residents of other areas	2,403	1,926	477	2,080	1,729	351
Occurring to Virginia residents	90,314	66,885	23,429	46,618	36,163	10,455
In Virginia	85,210	62,578	22,632	43,932	33,787	10,145
Out-of-State	5,104	4,307	797	2,686	2,376	310

Completeness of registration. When the Census of Population was taken for 1950, tests were made to determine the completeness of birth registration in each state. At that time, Virginia's reporting was estimated to be 97.3 percent complete (98.0 percent for white births, 95.1 percent for nonwhite). With the steady increase in the percent of births occurring in hospitals since 1950, especially among the nonwhite, it is assumed that the reporting of births is more nearly complete than before.

The completeness of registration of other vital records has never been studied to any great extent; however, indications are favorable in regard to the reporting of these records. Death registration is considered more complete than birth registration since other legal requirements must be met.

The numbers of Virginia resident fetal deaths and induced abortions are under-reported since there is no formal interstate exchange of these records as there is for births and deaths. However, 1,325 induced abortions involving Virginia women were received from other states and are included in this report.

Late filing of records. All vital records for the report year which are received prior to the deadline cutoff date in the following year are included in the annual data. Deadline cutoff dates are March 1 for marriages and divorces, April 1 for deaths, and May 1 for births, natural fetal deaths and induced abortions. Late registrations not included in annual data are, therefore, small in number.

Tabulation of data by residence and by place of occurrence. Resident data are presented for the State, for planning districts, and for counties and independent cities on all vital events except divorces. Recorded data, which are obtained by classifying the vital records according to the place of occurrence, are shown for births, deaths, marriages, and divorces.

Summary of Vital Events. Data indicate that on an average day in 1987:

247 Virginia residents were born
128 Virginia residents died
184 marriages occurred in Virginia
70 divorces occurred in Virginia

SUMMARY OF VITAL EVENTS, VIRGINIA, 1987

Event	Total	White	Nonwhite
Resident Events			
Live births	90,314	66,885	23,429
Natural fetal deaths	7,201	5,292	1,909
Induced abortions	32,436	21,428	11,008
Infant deaths	915	539	376
Deaths, all causes	46,618	36,163	10,455
Recorded Events			
Marriages	67,004	54,058	12,946
Divorces (including annulments)	25,608	21,573	4,035

POPULATION

Virginia's total population as of July, 1987, was projected to be 5,874,303. (Projected figures for population were prepared by the Virginia State Data Center, Department of Planning and Budget.) This was an increase of 74,155, or 1.3 percent, over the 1986 projection of 5,800,148.

Among planning district areas, Planning District 16 (including Caroline, King George, Spotsylvania and Stafford counties and Fredericksburg city) showed the largest increase in population -- 23.2 percent over the 1980 census count. The second most significant increase in population (18.2 percent) occurred in

Planning District 18 (including Essex, Gloucester, King & Queen, King William, Mathews and Middlesex counties). No planning district indicated a loss in population from 1980 to 1987. Planning District 8 (including Arlington, Fairfax, Loudoun, and Prince William counties and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park) had the largest population, 1,261,136. Planning District 17 (Lancaster, Northumberland, Richmond, and Westmoreland counties) was the smallest in population with 43,407 residents.

Natural Population Increase. For 1987, there was a natural population increase of 43,696 which was higher than the natural increase of 40,649 for 1986.

The increase of 3.7 percent in 1987 resident births and the 0.3 percent increase in resident deaths combined to increase the birth-to-death ratio from 1.875 in 1986 to 1.937 in 1987. The total live birth rate exceeded the death rate by 7.4 per 1,000 population in 1987.

NUMBER AND RATE OF NATURAL POPULATION INCREASE BY RACE
VIRGINIA, 1987

Race	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
Total	90,314	15.4	46,618	7.9	43,696	7.4
White	66,885	14.5	36,163	7.8	30,722	6.7
Nonwhite	23,429	18.5	10,455	8.3	12,974	10.3

RESIDENT BIRTHS

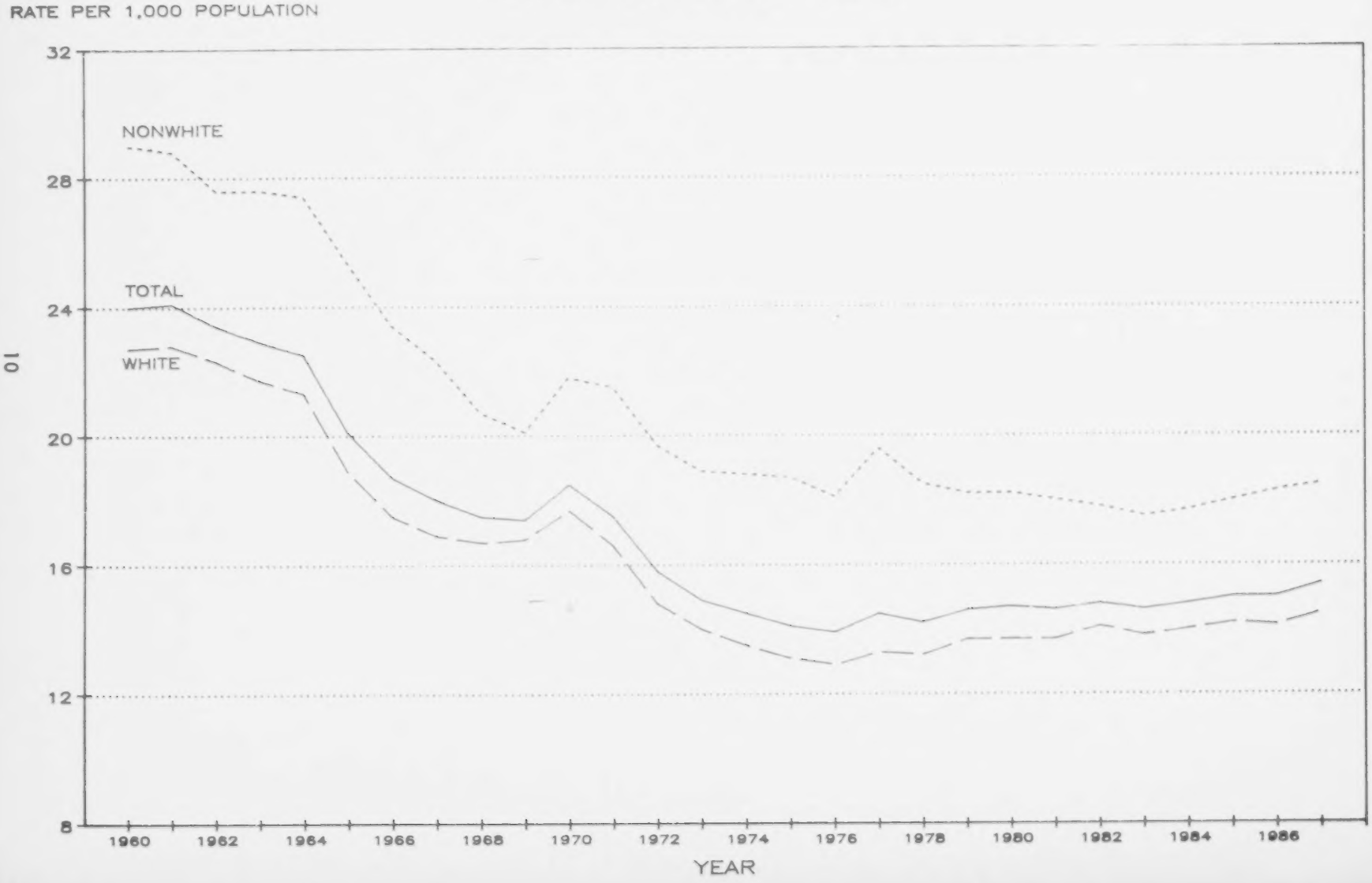
Virginia resident live births numbered 90,314 in 1987, representing a 3.7 percent increase over the 87,125 figure for 1986. The birth rate was 15.4 per 1,000 estimated population in 1987, resulting in an increase over the 1986 rate, 15.0. The comparable preliminary birth rate for the United States was 15.7 per 1,000 population in 1987.

BIRTHS AND BIRTH RATES WITH PERCENT CHANGE
VIRGINIA, 1983-1987

Year	Births	Percent Change	Birth Rate	Percent Change
1983	80,779	-0.4	14.6	-1.4
1984	82,662	+2.3	14.8	+1.4
1985	85,984	+4.0	15.0	+1.4
1986	87,125	+1.3	15.0	0.0
1987	90,314	+3.7	15.4	+2.7

CHART A

RESIDENT BIRTH RATES BY RACE
VIRGINIA, 1960–1987



Race and Age of Mother. Of the 90,314 infants born to Virginians in 1987, nearly three-fourths (74.1 percent) were white. However, the nonwhite fertility rate (71.5) was 11.8 per 1,000 females 15-44 higher than the white rate of 59.7. White births increased in 1987 by 2,485, or 3.9 percent, over 1986. Nonwhite births increased by 704, or 3.1 percent.

RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1987

Age	Number			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL*	90,314	66,885	23,429	62.4	59.7	71.5
Under 15#	220	63	157	5.5	2.1	15.1
15-19	10,052	5,864	4,188	44.4	34.5	74.0
20-24	26,011	18,060	7,951	107.3	97.7	138.1
25-29	28,160	21,936	6,224	107.7	108.8	103.7
30-34	18,729	15,148	3,581	71.3	74.6	60.0
35-39	6,234	5,090	1,144	26.0	27.1	22.2
40-44	873	698	175	4.1	4.0	4.1
45 & over#	26	18	8	0.7	0.6	1.2
Not stated	9	8	1			

*Rates are based on population age group 15-44.
#Rates are based on population ages 14 and 45 only.

The largest number of births (28,160) occurred in the age group 25-29. It was also the age group with the highest age specific rate (107.7 per 1,000 females). For whites the highest race/age specific rate was 108.8 for ages 25-29, but for nonwhites the highest rate (138.1) occurred for ages 20-24.

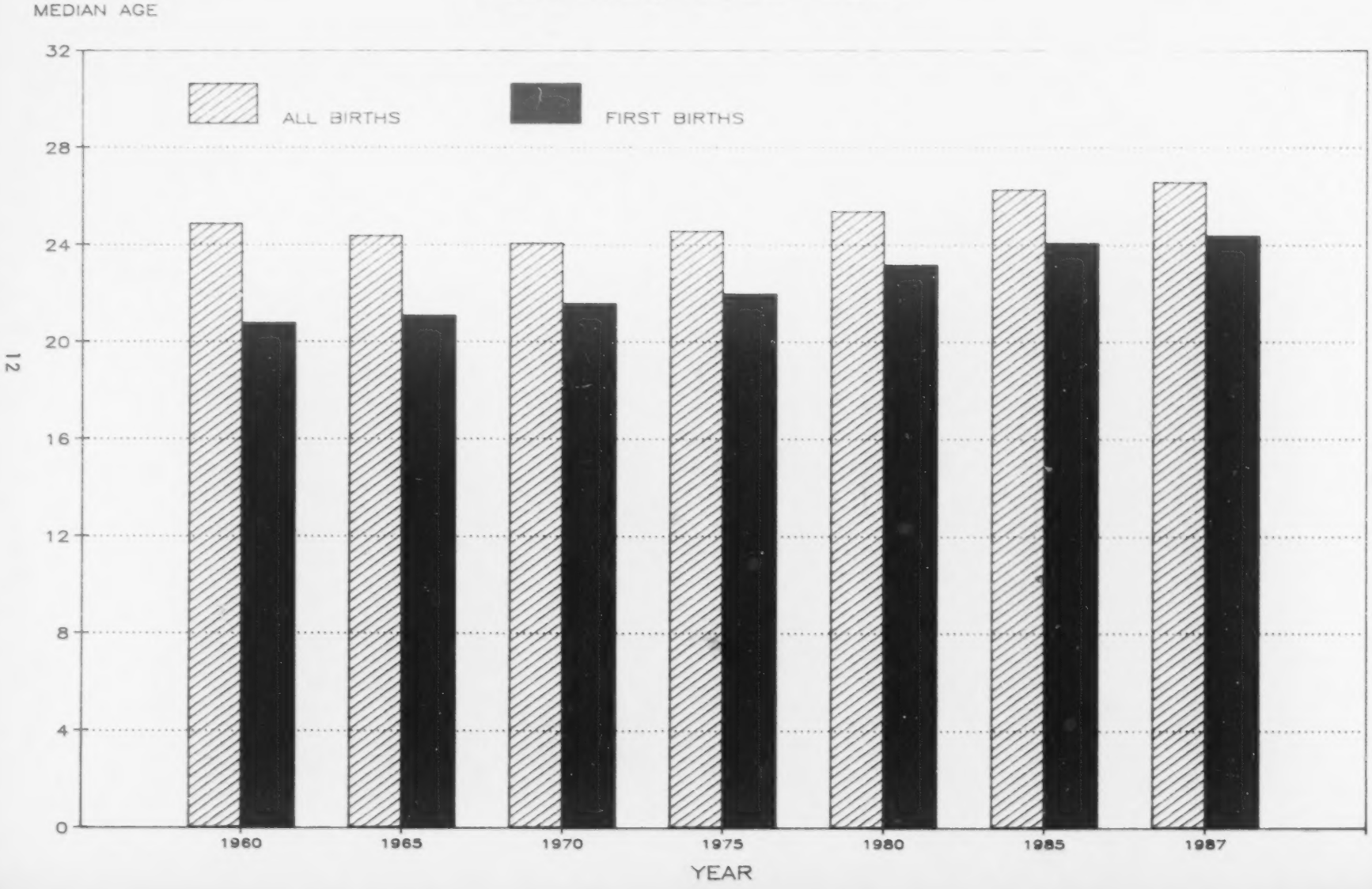
Median Age and Live Birth Order. The median age for all mothers having live births was 26.6 in 1987, an increase of 1.4 years over the 1978 median age of 25.2. For white and nonwhite mothers, the median age continued to increase in 1987 to 27.2 and 24.6, respectively.

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS BY RACE
VIRGINIA, 1978-1987

Year	All Births			First Births		
	Total	White	Nonwhite	Total	White	Nonwhite
1978	25.2	25.8	23.5	22.8	23.4	20.6
1979	25.3	25.9	23.5	22.9	23.6	20.7
1980	25.4	26.0	23.7	23.2	23.8	21.1
1981	25.5	26.1	23.8	23.4	24.0	21.4
1982	25.7	26.2	24.0	23.5	24.1	21.6
1983	25.9	26.5	24.2	23.7	24.3	21.7
1984	26.1	26.7	24.3	23.9	24.6	22.0
1985	26.3	26.8	24.4	24.1	24.7	22.2
1986	26.4	26.9	24.5	24.2	24.8	22.2
1987	26.6	27.2	24.6	24.4	25.1	22.5

CHART B

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS VIRGINIA, 1960–1987



For mothers having their first child, the median age has also been steadily increasing from 22.8 in 1978 to 24.4 in 1987. For white mothers having their first child, the median age increased by 1.7 years since 1978 and for nonwhite mothers by 1.9 years. In 1987, the median age for white mothers was higher than that for nonwhite mothers at all birth orders.

MEDIAN AGE OF MOTHER FOR EACH BIRTH ORDER BY RACE
VIRGINIA, 1987

Race	Total	Birth Order									
		1	2	3	4	5	6	7	8	9	10 or more
Total	26.6	24.4	27.3	28.9	30.3	31.4	33.2	34.7	36.4	35.6	38.4
White	27.2	25.1	27.9	29.7	31.2	32.5	34.2	35.7	37.5	37.5	40.3
Nonwhite	24.6	22.5	25.4	26.8	28.1	29.5	31.8	33.0	34.2	32.5	36.3
Years white median age greater than nonwhite	2.6	2.6	2.5	2.9	3.1	3.0	2.4	2.7	3.3	5.0	4.0

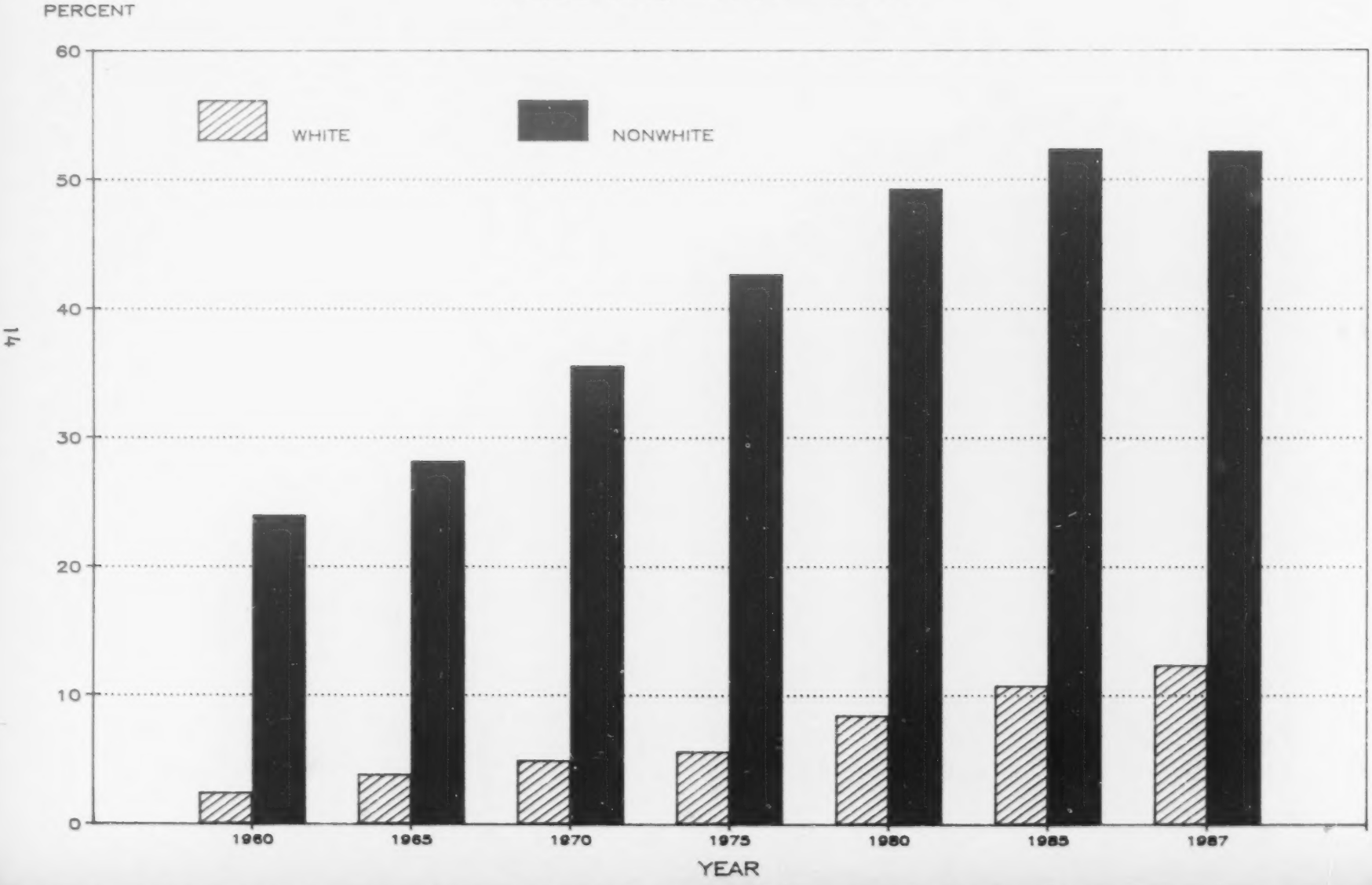
Education of Mother. A total of 73,192, or 81.0 percent, of the 1987 Virginia mothers were at least high school graduates. Of this number, 19,965 had completed four or more years of college. For 671 (0.7 percent) of the mothers, education did not extend beyond the sixth grade level. For mothers having their first birth, 82.3 percent had completed at least high school and 23.4 percent had completed four years of college.

EDUCATION OF MOTHER
WITH PERCENT COMPLETING EACH GRADE LEVEL
FOR ALL BIRTHS AND FIRST BIRTHS, VIRGINIA, 1987

Highest Grade Completed	All Births		First Births	
	Number	Percent	Number	Percent
TOTAL	90,314	100.0	40,399	100.0
Elementary				
0-6	671	0.7	228	0.6
7-8	2,369	2.6	964	2.4
High School				
9-11	13,760	15.2	5,838	14.5
12	35,130	38.9	15,597	38.6
College				
1-3	18,097	20.0	8,186	20.3
4+	19,965	22.1	9,461	23.4
Unknown	322	0.4	125	0.3

CHART C

PERCENT ILLEGITIMATE BIRTHS BY RACE VIRGINIA, 1960–1987



Illegitimate Births. There was an increase of 1,022, or 5.2 percent, in the number of illegitimate births in 1987. This resulted in an illegitimate birth rate of 227.2 per 1,000 live births. Both the illegitimate birth number and illegitimate birth rate for 1987 were the highest on record. The number of illegitimate births increased by 10.3 percent for whites, and by 2.0 percent for nonwhites. However, the nonwhite rate of 521.7 illegitimate births per 1,000 live births was considerably higher than the comparable white rate of 124.0.

RESIDENT ILLEGITIMATE BIRTHS WITH RATES
PER 1,000 LIVE BIRTHS BY YEAR, VIRGINIA, 1978-1987

Year	Total Live Births	Illegitimate Live Births	Rates per 1,000 Live Births
1978	73,349	12,546	171.0
1979	76,899	14,246	185.3
1980	78,423	14,995	191.2
1981	79,278	15,353	193.7
1982	81,098	15,923	196.3
1983	80,779	16,627	205.8
1984	82,662	17,197	208.0
1985	85,984	18,421	214.2
1986	87,125	19,493	223.7
1987	90,314	20,515	227.2

Sex Ratios. As usual, the male births (46,321) outnumbered the female births (43,993). The resulting ratio was 105.3 males to every 100 females.

The frequency of males to females was also greater for infant deaths, for natural fetal deaths where sex was indicated, and for births with congenital malformations. The male-to-female ratio was higher for whites than nonwhites for births and natural fetal deaths.

RATIO OF MALES PER 100 FEMALES FOR SPECIFIED VITAL EVENTS
VIRGINIA, 1987

Vital Event	Total	White	Nonwhite
Live Births	105.3	105.4	104.9
Infant Deaths	137.7	123.7	161.1
Natural Fetal Deaths	143.3	146.2	139.1
Congenital Malformations	155.0	141.1	198.3

Attendant at Birth. The percentage of total births occurring in hospitals in 1987 was 99.3, the same as for 1986. In 1987, for both white and nonwhite births, the percentage in hospitals was also 99.3. An additional 292 births were attended by physicians out of the hospital. For white and nonwhite births, the numbers attended by "midwives or others" were 299 and 30, respectively.

Low Weight Births. During 1987, low weight births (weighed 2,500 grams or less at birth regardless of gestation) accounted for 6,355, or 7.0 percent, of total live births. The nonwhites exhibited a much higher percentage of low weight births, with 11.3 percent compared to 5.6 percent low weight births for whites.

PERCENT LOW WEIGHT OF RESIDENT BIRTHS BY RACE
VIRGINIA, 1983-1987

Year	Low Weight Births			Percent		
	Total	White	Nonwhite	Total	White	Nonwhite
1983	5,905	3,434	2,471	7.3	5.7	11.9
1984	6,036	3,534	2,502	7.3	5.8	11.8
1985	6,070	3,597	2,473	7.1	5.6	11.2
1986	6,207	3,659	2,548	7.1	5.7	11.2
1987	6,355	3,713	2,642	7.0	5.6	11.3

NUMBER AND PERCENT OF BIRTHS ACCORDING TO
WEIGHT GROUP BY RACE, VIRGINIA, 1987

Birthweight	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	90,314	100.0	66,885	100.0	23,429	100.0
Low Weight	6,355	7.0	3,713	5.6	2,642	11.3
500 grams or less	163	0.2	71	0.1	92	0.4
501-1500 grams	984	1.1	558	0.8	426	1.8
1501-2500 grams	5,208	5.8	3,084	4.6	2,124	9.1
Full Weight	83,903	92.9	63,133	94.4	20,770	88.7
2501-3500 grams	47,381	52.5	32,924	49.2	14,457	61.7
3501-4500 grams	34,769	38.5	28,668	42.9	6,101	26.0
4501 grams & over	1,753	1.9	1,541	2.3	212	0.9
Unknown	56	0.1	39	0.1	17	0.1

The percentage of total births that were low weight was highest at birth order 6. This birth order also had the highest percentage of low weight deliveries for white and nonwhite mothers. At all birth orders, the relative frequency of low weight births was significantly higher among nonwhite than white mothers.

PERCENT LOW WEIGHT OF TOTAL BIRTHS BY BIRTH ORDER
BY RACE, VIRGINIA, 1987

Race	Total	Birth Order						
		1	2	3	4	5	6	7 plus
Total	7.0	7.3	6.3	7.2	8.5	8.6	10.7	8.2
White	5.6	6.0	4.8	5.5	6.9	6.1	8.1	3.8
Nonwhite	11.3	11.5	10.8	11.2	11.6	12.3	14.8	13.5

In 1987, the percentage of low weight live births was highest for mothers under 15 years of age. This age group also had the highest percentage of low weight births for nonwhite mothers. For all age groups except 45 and over, nonwhite mothers had a higher percentage of low weight births than white mothers.

PERCENT LOW WEIGHT OF TOTAL BIRTHS BY AGE OF MOTHER
BY RACE, VIRGINIA, 1987

Race	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	7.0	15.0	10.1	7.5	6.2	6.4	6.3	5.7	0.0
White	5.6	3.2	7.8	5.9	5.0	5.2	5.2	4.9	0.0
Nonwhite	11.3	19.7	13.2	11.0	10.2	11.4	11.0	9.1	0.0

Plural Births. There were 1,953 plural live births to Virginia residents in 1987: 1,907 twins, 46 triplets, and 0 quadruplets. Additionally, 108 twins and 15 triplets were reported as natural fetal deaths.

Among live births, a much higher percentage (52.5) low weight existed for plural births than for single births (7.0). For nonwhite plural births, the percent low weight was 63.7, and for white plural births, it was 48.4.

PLURAL BIRTHS AND LOW WEIGHT PLURAL BIRTHS
WITH PERCENT LOW WEIGHT BY RACE, VIRGINIA, 1987

Event	Total	White	Nonwhite
Plural births	1,953	1,433	520
Plural low weight births	1,025	694	331
Percent low weight	52.5	48.4	63.7

For every 1,000 live births among nonwhite women, there were 22.2 plural births, while for every 1,000 live births among white women, there were 21.4 plural births. The comparative rates for 1986 were 22.9 and 21.7, respectively.

Prenatal Care. In 1987, 72,576 mothers, or 80.4 percent, began prenatal care in the first trimester of pregnancy. At least 98.3 percent of the mothers had seen a physician prior to delivery. Only 874, or 1.0 percent, of the mothers received no prenatal care. Care status for 623 mothers was unknown.

Of the mothers who had completed at least 12 years of schooling, 84.5 percent began prenatal care in the first trimester of pregnancy. Only 54.4 percent of the 671 mothers with fewer than seven years of education began care as early. The percentage of mothers who completed at least their high school education but who received no prenatal care was 0.7, while the comparable percentage for mothers with fewer than seven years of school was 1.8.

The 30-34 age group had the highest percentage of mothers, 88.8 percent, who received prenatal care in the first trimester of pregnancy. Of the mothers who were under 15 years of age, only 35.9 percent received prenatal care in the first trimester. The percentage of mothers receiving no prenatal care was highest for those under 15.

PERCENTAGE DISTRIBUTION OF RESIDENT BIRTHS BY AGE OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN, VIRGINIA, 1987

Trimester Care Began	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First trimester	80.4	35.9	60.0	74.8	85.7	88.8	88.0	82.1	73.1
Second trimester	15.1	41.8	30.0	19.3	11.2	8.7	9.3	13.3	15.4
Third trimester	2.9	14.5	6.7	3.8	1.9	1.4	1.6	2.5	3.8
None	1.0	4.5	2.3	1.3	0.6	0.4	0.5	0.8	0.0
Unknown	0.7	3.2	1.0	0.7	0.6	0.6	0.5	1.3	7.7

Of the Virginia women giving birth in 1987, 59.5 percent saw a physician 10 to 14 times during pregnancy. The median number of prenatal visits was 12.1. There were 273 mothers who were seen by a physician 30 or more times.

Complications of Pregnancy. One or more complications of pregnancy were indicated for 36,345, or 40.2 percent, of mothers having live births. Mothers in the 25-29 age group had the lowest percentage with complications of pregnancy, 38.8 percent, while mothers age 45 and over had the highest percentage with complications, 53.8 percent.

COMPLICATIONS OF PREGNANCY BY AGE OF MOTHER
VIRGINIA, 1987

Complications of Pregnancy	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Unduplicated Count with Complications	36,345	109	4,132	10,371	10,930	7,670	2,704	413	14	2
Percent of Births	40.2	49.5	41.1	39.9	38.8	41.0	43.4	47.3	53.8	

Of the mothers receiving prenatal care, 40.3 percent had complications of pregnancy and 33.6 percent of those who received no prenatal care had complications. Mothers with births occurring in birth order one had the highest percentage of births with complications, 44.1 percent. The lowest percentage of births with complications, 35.6 percent, occurred in birth order four.

COMPLICATIONS OF PREGNANCY BY TYPE BY BIRTH ORDER
VIRGINIA, 1987

Type of Complication	Total	Birth Order								
		1	2	3	4	5	6	7	8+	Unk.
Unduplicated Count with Complications	36,345	17,827	11,668	4,629	1,440	462	169	74	57	19
Percent of Births	40.2	44.1	37.7	36.2	35.6	36.0	37.6	39.6	39.6	
All Complications	64,901	31,944	20,857	8,190	2,542	796	303	145	97	27
Complications related to pregnancy	8,748	4,645	2,351	1,124	401	141	43	20	18	5
Conditions in the mother complicating pregnancy	5,994	2,747	1,876	855	335	86	51	27	13	4
Complications affecting delivery	31,112	14,781	10,468	4,027	1,191	383	140	66	48	8
Type of delivery if specified on certificate	19,047	9,771	6,162	2,184	615	186	69	32	18	10

Congenital Anomalies. In 1987, there were 607 infants born with one or more congenital anomalies reported, or 0.7 percent of total live births. Of the total congenital anomalies, Polydactyly was, by far, the most common condition reported for nonwhites (32.8 percent), while cleft palate and cleft lip (11.8 percent) were the most common anomalies reported for whites.

In 1987, mothers in the under 15 and 15-19 age groups had the highest percentage of births with anomalies reported (0.9 and 0.9 percent, respectively).

CONGENITAL ANOMALIES BY AGE OF MOTHER
VIRGINIA, 1987

Congenital Anomalies	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Unduplicated Count with Anomalies	607	2	87	195	166	104	47	6	0
Percent of Births	0.7	0.9	0.9	0.7	0.6	0.6	0.8	0.7	

NUMBER AND PERCENT OF CONGENITAL ANOMALIES BY TYPE BY RACE
VIRGINIA, 1987

Type of Anomaly	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Unduplicated Count with Anomalies	607		434		173	
TOTAL ANOMALIES REPORTED	689	100.0	500	100.0	189	100.0
Anencephalus	9	1.3	7	1.4	2	1.1
Spina bifida	22	3.2	18	3.6	4	2.1
Other anomalies of nervous system	34	4.9	26	5.2	8	4.2
Anomalies of eye	9	1.3	7	1.4	2	1.1
Anomalies of ear, face, and neck	7	1.0	6	1.2	1	0.5
Bulbus cordis anomalies and anomalies of cardiac septal closure	9	1.3	9	1.8		0.0
Other anomalies of heart	28	4.1	24	4.8	4	2.1
Other anomalies of circulatory system	9	1.3	9	1.8		0.0
Anomalies of respiratory system	9	1.3	6	1.2	3	1.6
Cleft palate and cleft lip	70	10.2	59	11.8	11	5.8
Other anomalies of upper alimentary tract	12	1.7	10	2.0	2	1.1
Other anomalies of digestive system	16	2.3	12	2.4	4	2.1
Undescended testicle	25	3.6	16	3.2	9	4.8
Hypospadias and epispadias	46	6.7	34	6.8	12	6.3
Other anomalies of genitourinary system	36	5.2	30	6.0	6	3.2
Congenital dislocation of hip	10	1.5	10	2.0		0.0
Deformities of feet	52	7.5	42	8.4	10	5.3
Polydactyly	86	12.5	24	4.8	62	32.8
Syndactyly	14	2.0	9	1.8	5	2.6
Other anomalies of limbs	35	5.1	26	5.2	9	4.8
Other anomalies of musculoskeletal system	34	4.9	26	5.2	8	4.2
Anomalies of the integument	46	6.7	30	6.0	16	8.5
Down's syndrome	28	4.1	26	5.2	2	1.1
Other chromosomal anomalies	14	2.0	10	2.0	4	2.1
Other and unspecified anomalies	29	4.2	24	4.8	5	2.6

Month of Birth. An average of 247 children were born each day to Virginia residents. The daily averages by month ranged from a high of 270 in September to a low of 228 in January.

DAILY AVERAGE OF BIRTHS BY MONTH
VIRGINIA, 1987

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
247	228	236	245	241	242	250	256	257	270	249	245	249

Out-of-State Occurrences. In 1987, 5,104, or 5.7 percent, of the infants born to Virginia residents were born out-of-state. Of these births, 2,484, or 48.7 percent, occurred in the District of Columbia. The six areas bordering Virginia (D.C., Maryland, West Virginia, Kentucky, Tennessee, and North Carolina) accounted for 95.8 percent of Virginia's out-of-state births.

The 2,403 births occurring in Virginia to out-of-state residents represented 2.7 percent of the 87,613 live births occurring in Virginia. The states of residence most frequently recorded for these Virginia-born infants were West Virginia (744), North Carolina (569), and Maryland (582). A total of 90.1 percent of these out-of-state resident births were from the six areas bordering Virginia.

BIRTHS INVOLVING VIRGINIA AND BORDERING STATES
VIRGINIA, 1987

State	Virginia residents born out-of-state		Out-of-state residents born in Virginia	
	Number	Percent	Number	Percent
TOTAL	5,104	100.0	2,403	100.0
District of Columbia	2,484	48.7	134	5.6
Maryland	974	19.1	582	24.2
Tennessee	737	14.4	32	1.3
West Virginia	348	6.8	744	31.0
North Carolina	313	6.1	569	23.7
Kentucky	36	0.7	103	4.3
Other states	212	4.2	228	9.5
Foreign countries			11	0.5

INFANT MORTALITY

In Virginia in 1987, infant deaths decreased to 915, or 4.5 percent less than the 1986 figure of 958. The resulting rate of 10.1 was the lowest ever recorded for the State. Virginia's infant mortality rate, however, remained higher than the preliminary United States rate of 10.0.

In 1987, there were 601 neonatal deaths (infants under 28 days) resulting in a rate of 6.7 per 1,000 live births. The comparable figures for 1986 were 645 neonatal deaths with a rate of 7.4.

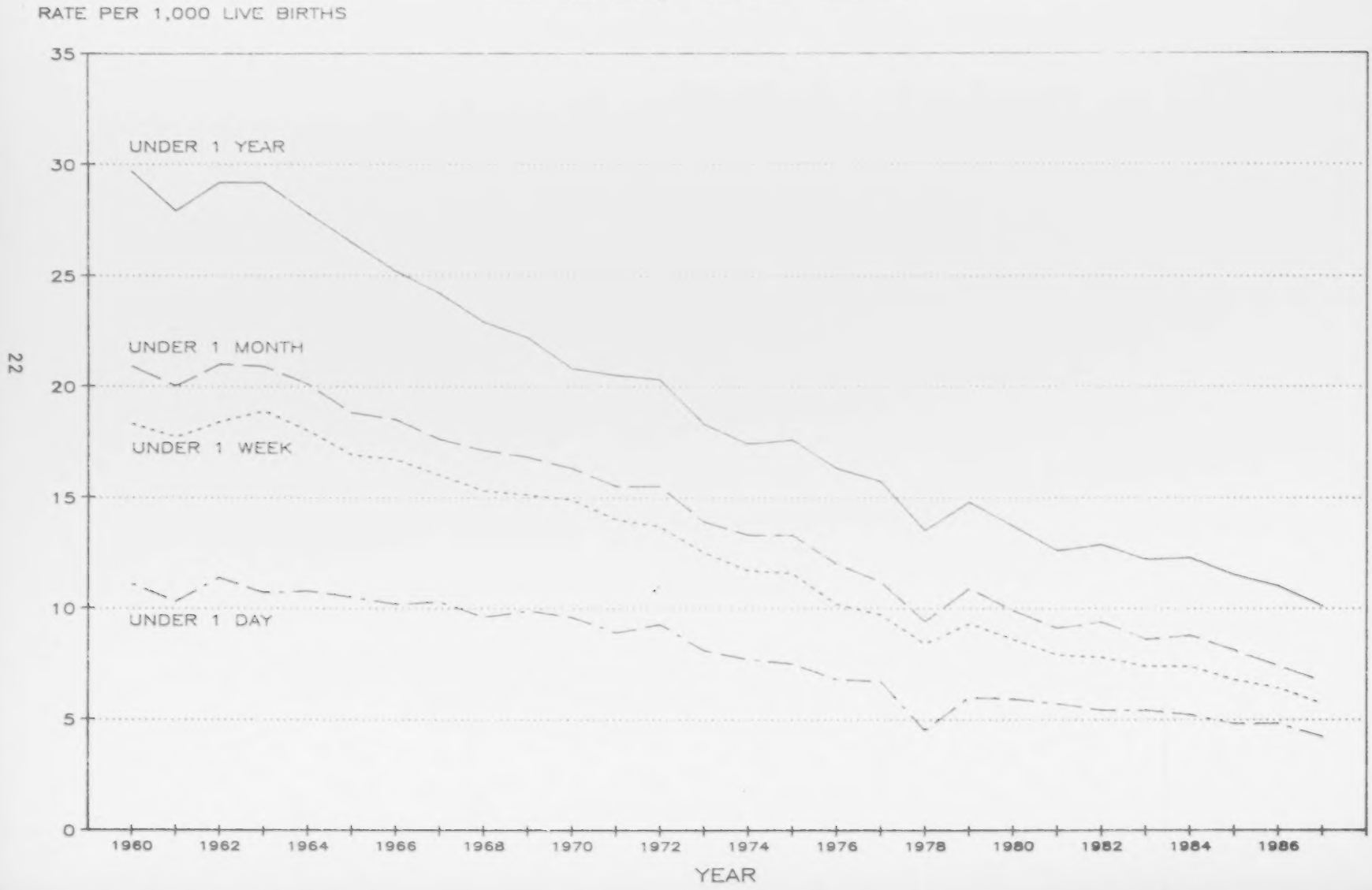
Race. White infant deaths decreased from 565 in 1986 to 539 in 1987 and nonwhite infant deaths decreased from 393 to 376. The 1987 rates of infant deaths per 1,000 live births were 8.1 and 16.0 for whites and nonwhites, respectively.

RESIDENT INFANT DEATHS BY RACE WITH RATES
PER 1,000 LIVE BIRTHS, VIRGINIA, 1983-1987

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1983	986	12.2	577	9.6	409	19.8
1984	1,014	12.3	606	9.9	408	19.2
1985	990	11.5	589	9.2	401	18.2
1986	958	11.0	565	8.8	393	17.3
1987	915	10.1	539	8.1	376	16.0

CHART D

INFANT MORTALITY
VIRGINIA, 1960–1987



Cause of Death. Among the 915 infant deaths for Virginia residents, 198, or 21.6 percent, were attributed to congenital anomalies; 93, or 10.2 percent to disorders relating to short gestation and low birth weight; 51, or 5.6 percent, to respiratory distress syndrome; and 131, or 14.3 percent, to sudden infant death syndrome. The group of causes, conditions originating in the perinatal period, accounted for 268 infant deaths.

RESIDENT INFANT DEATHS BY CAUSE WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA AND UNITED STATES, 1987

Cause of Infant Death	Virginia		United States*
	Number	Rate	Rate
TOTAL INFANT DEATHS	915	1,013.1	997.0
Certain gastrointestinal diseases (008-009, 535,555-558)	4	4.4	5.0
Pneumonia and influenza (480-487)	7	7.8	17.6
Congenital anomalies (740-759)	198	219.2	207.0
Disorders relating to short gestation and low birth weight (765)	93	103.0	84.8
Birth trauma (767)	6	6.6	5.0
Intrauterine hypoxia and birth asphyxia (768)	13	14.4	25.5
Respiratory distress syndrome (769)	51	56.5	86.4
Other conditions originating in the perinatal period (760-764,766,770-779)	268	296.7	277.9
Sudden infant death syndrome (798.0)	131	145.0	116.1
All other causes	144	159.4	172.1

*Provisional

Age at Death. In 1987, there were 378 infants who failed to survive one day and 511 who died within their first week of life. Infants who died before the age of one month (601) accounted for 65.7 percent of the total infant deaths.

PERCENT OF TOTAL INFANT DEATHS IN EACH AGE GROUP BY RACE
VIRGINIA, 1987

Race	Total Infant Deaths	Age at Death						
		Less than 1 day	1-6 days	Under 1 week	7-27 days	Under 28 days	1-5 Mos.	6-11 Mos.
Total	100.0	41.3	14.5	55.8	9.8	65.7	26.4	7.9
White	100.0	37.5	16.0	53.4	10.2	63.6	28.9	7.4
Nonwhite	100.0	46.8	12.5	59.3	9.3	68.6	22.9	8.5

MATERNAL DEATHS

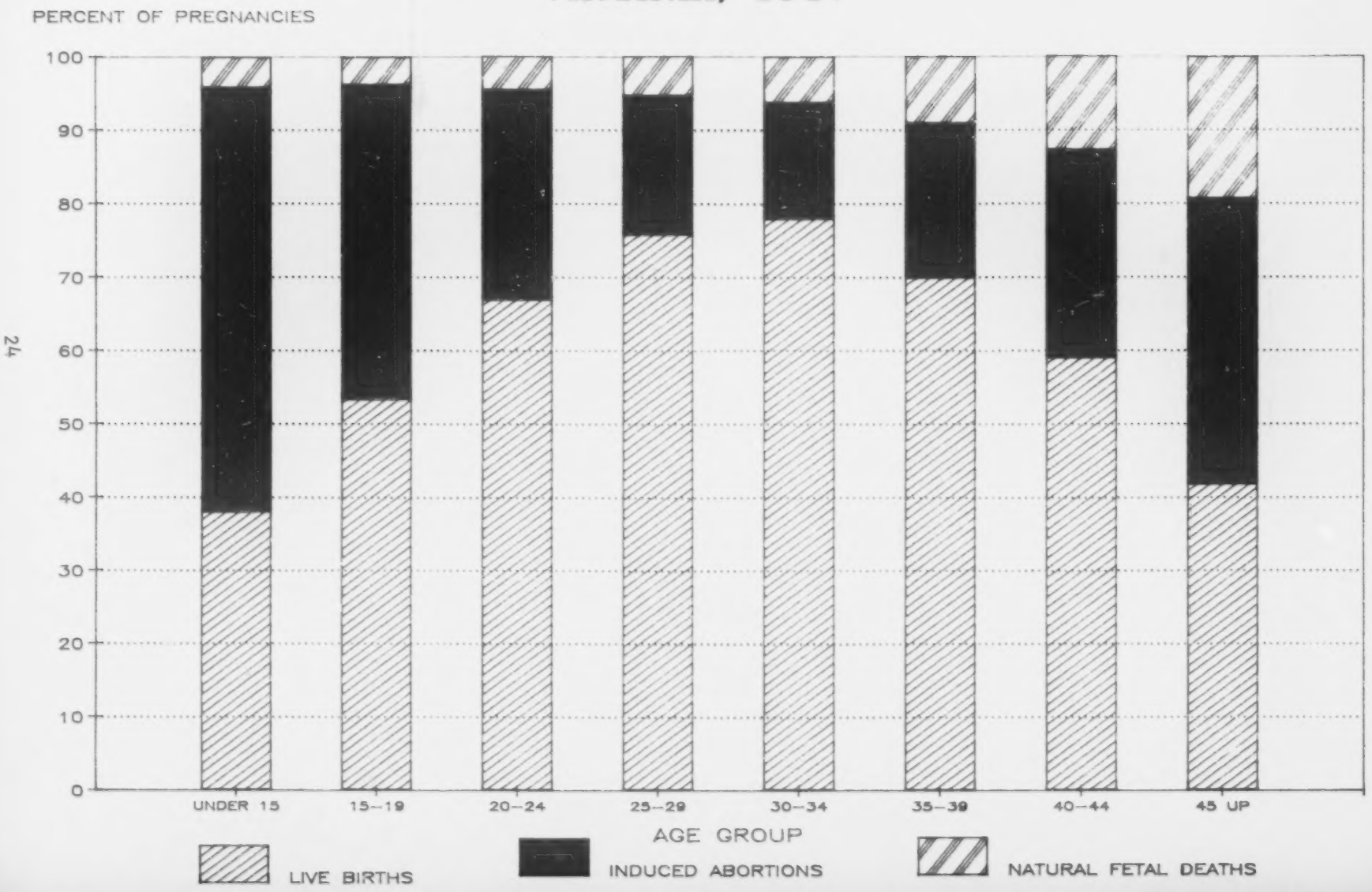
In 1987, the deaths of six Virginia women were caused by maternal conditions, giving a rate of 6.6 maternal deaths per 100,000 live births. Both the number and rate of maternal deaths increased from the 1986 figure of 1 death, or 1.1 per 100,000 live births.

MATERNAL DEATHS BY CAUSE AND BY RACE
VIRGINIA, 1987

Cause of Death	Total	White	Nonwhite
TOTAL	6	2	4
Other Complications of Labor and Delivery (669)	1		1
Venous Complications in Pregnancy (671)	1		1
Obstetrical Pulmonary Embolism (673)	3	2	1
Other and Unspecified Complications of the Puerperium, Not Elsewhere Classified (674)	1		1

CHART E

TOTAL PREGNANCIES BY AGE
VIRGINIA, 1987



ALL PREGNANCY TERMINATIONS

A total of 129,951 pregnancy terminations (live births and all fetal deaths) were reported for Virginia residents in 1987, 3,452 more than in the previous year. This 2.7 percent increase resulted from 1987 increases in live births and induced abortions.

RESIDENT PREGNANCY TERMINATIONS BY TYPE
VIRGINIA, 1978-1987

Year	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
1978	107,972	73,349	34,623	28,492	6,131
1979	112,559	76,899	35,660	29,455	6,205
1980	114,933	78,423	36,510	30,062	6,448
1981	116,075	79,278	36,797	30,166	6,631
1982	117,565	81,098	36,467	30,012	6,455
1983	116,856	80,779	36,077	29,598	6,479
1984	120,257	82,662	37,595	30,819	6,776
1985	124,073	85,984	38,089	31,094	6,995
1986	126,499	87,125	39,374	31,977	7,397
1987	129,951	90,314	39,637	32,436	7,201

For females in the under 15 age group, there were more induced abortions than live births. The largest age-specific rates for births and natural fetal deaths were in the 25-29 year age group. For total pregnancy terminations and for induced abortions the highest rates were in the 20-24 year age group.

PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS,
INDUCED ABORTIONS AND NATURAL FETAL DEATHS PER 1,000 FEMALES BY AGE
VIRGINIA, 1987

Age	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
TOTAL*	89.8	62.4	27.4	22.4	5.0
Under 15#	14.5	5.5	9.0	8.4	0.6
15-19	83.2	44.4	38.8	35.5	3.3
20-24	160.2	107.3	52.9	45.4	7.5
25-29	141.9	107.7	34.2	26.5	7.8
30-34	91.4	71.3	20.1	14.3	5.8
35-39	37.2	26.0	11.2	7.7	3.4
40-44	6.9	4.1	2.8	1.9	0.9
45 & over#	1.8	0.7	1.0	0.7	0.3

*Rates are based on population age group 15-44.
#Rates are based on population ages 14 or 45 only.

ALL FETAL DEATHS

The 39,637 fetal deaths of all types occurring to Virginia residents in 1987 represented an increase of 263 or 0.7 percent, over the previous year. All fetal deaths reported for white residents decreased 0.5 percent and fetal deaths for nonwhites increased 3.1 percent.

The fetal death total includes induced abortions which accounted for 81.8 percent of all fetal deaths. All other fetal deaths are referenced as natural fetal deaths throughout this report.

INDUCED ABORTIONS

During 1987, at least 32,436 Virginia residents received induced abortions, an increase of 1.4 percent over the 1986 figure of 31,977. Although there is no regular interstate exchange of abortion information among states, some abortions for residents of Virginia that occurred in other states are included. In addition to the 31,111 Virginia resident induced abortions that occurred in the State, at least 1,325 abortions were reported for Virginia residents in other states.

A total of 32,930 induced abortions occurred in Virginia in 1987, 1.0 percent more than in the previous year. Of these, 1,819, or 5.5 percent, were for residents of other areas.

INDUCED ABORTIONS
VIRGINIA, 1987

Location	Total	White	Nonwhite
Occurring in Virginia	32,930	21,554	11,376
Residents of Virginia	31,111	20,399	10,712
Residents of other areas	1,819	1,155	664
Occurring to Virginia residents	32,436	21,428	11,008
In Virginia	31,111	20,399	10,712
Out-of-State	1,325	1,029	296

Race and Age. Almost two-thirds (66.1 percent) of the 32,436 Virginia residents known to have had induced abortions were white. The induced abortion rate per 1,000 white women aged 15-44 was 19.1, while the comparable figure for nonwhites was 33.6. The State figure for all women was 22.4 per 1,000 females aged 15-44, the same as the rate for 1986.

RESIDENT INDUCED ABORTIONS BY WOMAN'S AGE BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1987

Age	Numbers			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL*	32,436	21,428	11,008	22.4	19.1	33.6
Under 15#	333	128	205	8.4	4.3	19.7
15-19	8,041	5,492	2,549	35.5	32.4	45.0
20-24	11,014	7,245	3,769	45.4	39.2	65.5
25-29	6,926	4,498	2,428	26.5	22.3	40.5
30-34	3,758	2,410	1,348	14.3	11.9	22.6
35-39	1,856	1,289	567	7.7	6.9	11.0
40-44	415	293	122	1.9	1.7	2.9
45 & over#	24	15	9	0.7	0.5	1.4
Not stated	69	58	11			

*Rates based on population group 15-44.
#Rates based on population ages 14 and 45 only.

Age category 20-24 accounted for over one-third of Virginia's resident abortions. The age-specific rate for this group was 45.4 per 1,000 women. For 15-19 year olds, the age specific rate of 35.5 for 1987 increased slightly from the 1986 figure of 35.6. The median ages for total, white, and nonwhite groups were 23.4, 23.4 and 23.5, respectively. The median age for white and nonwhite women having induced abortions has generally gone up over the past ten years.

MEDIAN AGES OF RESIDENT WOMEN RECEIVING
INDUCED ABORTIONS BY RACE
VIRGINIA, 1978-1987

Year	Total	White	Nonwhite
1978	22.0	21.7	22.7
1979	22.0	21.7	22.8
1980	22.2	21.9	23.0
1981	22.4	22.1	23.1
1982	22.6	22.3	23.3
1983	22.9	22.8	23.3
1984	22.8	22.6	23.3
1985	23.0	22.8	23.3
1986	23.1	23.0	23.4
1987	23.4	23.4	23.5

Illegitimate Induced Abortions. More than four-fifths (82.8 percent) of the women receiving induced abortions in 1987 were not married to the father at the time of the abortion. The comparable figure for 1987 live births was 22.7. The percent illegitimate of induced abortions for 1987 decreased slightly over the 1986 figure of 83.5 percent.

The percentages of induced abortions that were illegitimate were highest for the youngest age groups and generally decreased as age at abortion increased. The nonwhite rates, however, were higher than the white rates at all age levels except for age group 40-44.

RESIDENT ILLEGITIMATE INDUCED ABORTIONS BY WOMAN'S AGE
WITH PERCENT ILLEGITIMATE, VIRGINIA, 1987

Age	Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	26,861	17,544	9,317	82.8	81.9	84.6
Under 15	326	125	201	97.9	97.7	98.0
15-19	7,642	5,167	2,475	95.0	94.1	97.1
20-24	9,462	6,142	3,320	85.9	84.8	88.1
25-29	5,288	3,401	1,887	76.3	75.6	77.7
30-34	2,633	1,667	966	70.1	69.2	71.7
35-39	1,210	816	394	65.2	63.3	69.5
40-44	237	176	61	57.1	60.1	50.0
45 & over	13	8	5	54.2	53.3	55.6
Not stated	50	42	8			

Gestation and Procedure. Of the 32,339 resident abortions for which the gestation period was known, at least 99.1 percent were under 20 weeks gestation. Over one-third (45.9 percent) were 8-9 weeks gestation. Only 0.9 percent of the induced abortions were 20 weeks or more gestation.

For 30,701, or 94.7 percent, of the induced abortions, suction curettage was the procedure used to terminate pregnancy. Sharp curettage was done for 48 terminations. Intrauterine saline instillation and intrauterine prostaglandin instillation were the methods used for 60, or 21.5 percent, of the pregnancy terminations of 20 weeks or more gestation.

RESIDENT INDUCED ABORTIONS, PROCEDURES USED TO TERMINATE PREGNANCY BY GESTATION
VIRGINIA, 1987

Procedure	Total	Gestation (in Weeks)							
		Under 6	6-7	8-9	10-11	12-13	14-19	20 & Over	Unk.
TOTAL	32,436	610	6,993	14,841	6,653	2,044	919	279	97
Suction Curettage	30,701	583	6,744	14,231	6,236	1,918	714	197	78
Sharp Curettage	48	6	14	13	2	3	3	2	5
Intrauterine saline instillation	82		1	1		1	46	32	1
Intrauterine prostaglandin instillation	142						113	28	1
Hysterectomy	20		2		2		8	8	
Hysterotomy	4		1	1	1				1
Other	84	6	21	14	3	2	26	10	2
Unknown	1,355	15	210	581	409	120	9	2	9

Place of Residence. The largest number of induced abortions (4,450) was reported for residents of Fairfax County. Following were Virginia Beach with 2,544, Richmond City with 2,327, Norfolk with 2,017, Henrico with 1,661, Prince William County with 1,235, Newport News with 1,201, Chesterfield with 1,082, Alexandria with 1,034, and Hampton with 1,032. All other areas had less than 1,000 residents reporting induced abortions.

NATURAL FETAL DEATHS

Natural fetal deaths, as shown below for the years 1978-1987, are the total fetal deaths for those years less the instances where the pregnancy termination was indicated as induced.

RESIDENT NATURAL FETAL DEATHS BY RACE
VIRGINIA, 1978-1987

Year	Total	White	Nonwhite
1978	6,131	4,390	1,741
1979	6,205	4,420	1,785
1980	6,448	4,620	1,828
1981	6,631	4,835	1,796
1982	6,455	4,671	1,784
1983	6,479	4,738	1,741
1984	6,776	4,989	1,787
1985	6,995	5,186	1,809
1986	7,397	5,490	1,907
1987	7,201	5,292	1,909

Resident natural fetal deaths totaled 7,201 in 1987 reflecting a 2.6 percent decrease from the previous year. The rate was 79.9 per 1,000 live births.

Gestation. Only 10.3 percent of the natural fetal deaths occurred at 20 weeks or more gestation; for nonwhites, the percentage was 15.8, much higher than the comparable percentage of 8.3 for whites.

RESIDENT NATURAL FETAL DEATHS
RACE BY LENGTH OF GESTATION
VIRGINIA, 1987

Length of Gestation	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	7,201	100.0	5,292	100.0	1,909	100.0
Under 20 weeks	6,459	89.7	4,852	91.7	1,607	84.2
20-27 weeks	384	5.3	214	4.0	170	8.9
28 weeks & over	358	5.0	226	4.3	132	6.9

Age. The median age of women having natural fetal deaths was 27.4 in 1987, compared to 26.6 for live births and 23.4 for induced abortions. Natural fetal deaths accounted for 5.5 percent of total pregnancies that ended during 1987. This statistic ranged from 3.9 percent for the 15-19 age group to a high of 19.4 percent for women 45 and over, increasing with each age group beyond age group 15-19.

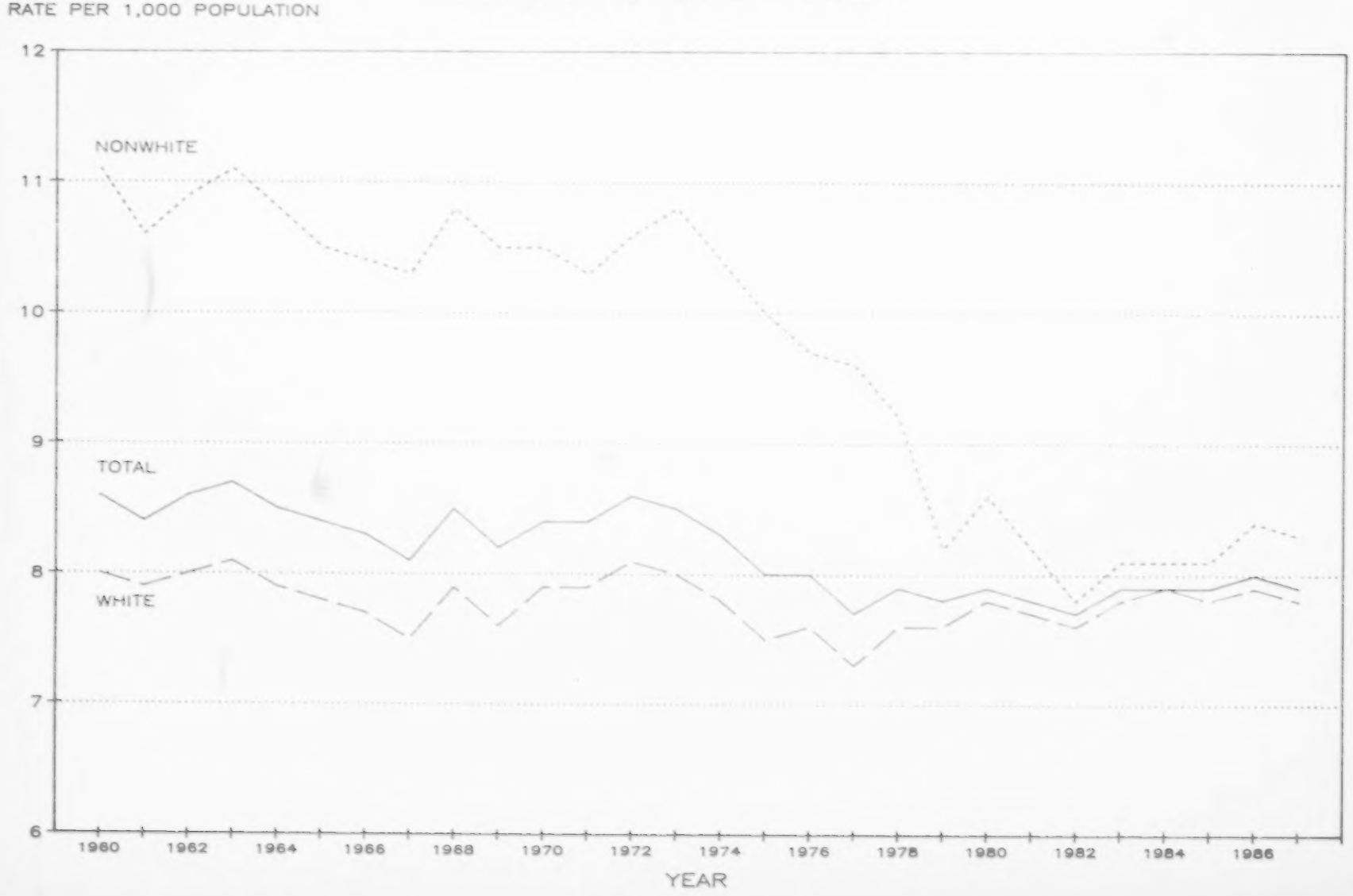
NATURAL FETAL DEATHS BY AGE WITH
PERCENT OF TOTAL PREGNANCY TERMINATIONS
VIRGINIA, 1987

Natural Fetal Deaths	Total	Age Group								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Number	7,201	25	741	1,811	2,031	1,530	822	190	12	39
Percent of Pregnancy Terminations	5.5	4.3	3.9	4.7	5.5	6.4	9.2	12.9	19.4	

Cause. A non-specific reason was mentioned for the cause of the fetal death on 80.7 percent of these records. Of the 1,389 specified causes, ectopic pregnancy with 692 placed first. Blighted ovum (235) and conditions in the placenta (111) ranked second and third, respectively.

CHART F

RESIDENT DEATH RATES BY RACE
VIRGINIA, 1960–1987



RESIDENT DEATHS

In 1987, the number of deaths for Virginia residents was 46,618, an increase of 142, or 0.3 percent, over the 46,476 deaths reported in 1986. The resulting death rate of 7.9 per 1,000 population has changed little since 1983. The comparable provisional rate for the United States was 8.7 per 1,000 population in 1987.

NUMBER OF RESIDENT DEATHS AND DEATH RATES
PER 1,000 POPULATION BY RACE
VIRGINIA, 1983-1987

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1983	43,734	7.9	34,112	7.8	9,622	8.1
1984	44,252	7.9	34,507	7.9	9,745	8.1
1985	45,736	7.9	35,331	7.8	9,905	8.1
1986	46,476	8.0	36,059	7.9	10,417	8.4
1987	46,618	7.9	36,163	7.8	10,455	8.3

Median Age at Death. For all Virginia residents, the median age at death was 72.9, slightly higher than 1986. The white and nonwhite median ages at death also increased slightly over 1986. The median ages at death for both Virginia males and females increased by 0.2 years.

MEDIAN AGE AT DEATH BY RACE BY SEX
VIRGINIA, 1986 AND 1987

Sex	Total		White		Nonwhite	
	1986	1987	1986	1987	1986	1987
Total	72.6	72.9	73.8	74.1	68.5	68.7
Male	69.4	69.6	70.2	70.5	66.5	66.5
Female	76.6	76.8	77.9	78.1	71.5	71.8

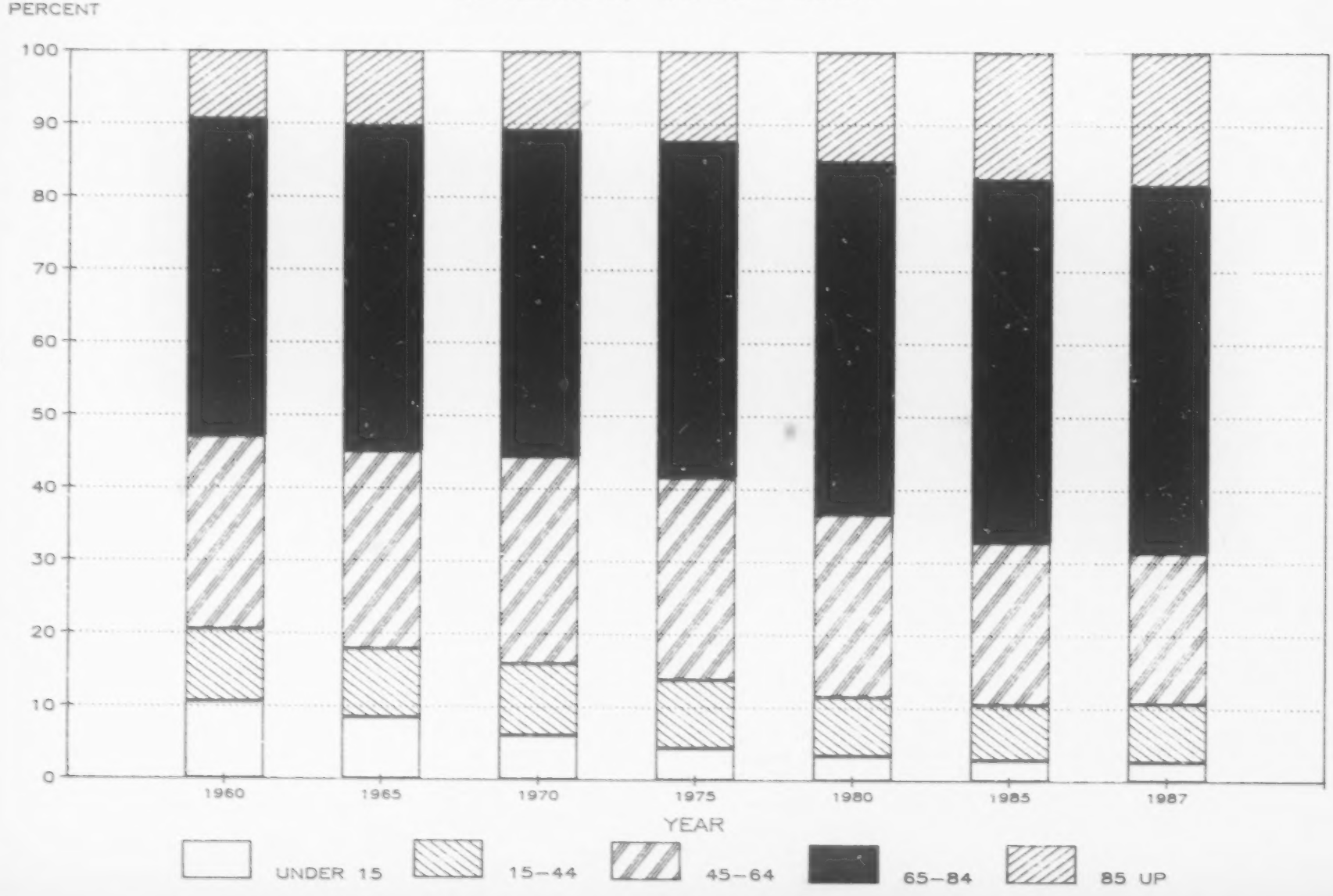
Month of Death. January had the greatest frequency of deaths with 4,335, and also the largest daily average (140). The lowest number of deaths occurred in September (3,568), which also had the lowest daily average, 119.

DAILY AVERAGE OF RESIDENT DEATHS BY MONTH
VIRGINIA, 1987

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
128	140	131	133	130	126	125	120	120	119	127	127	135

CHART G

PERCENT OF DEATHS BY AGE GROUP VIRGINIA, 1960–1987



Out-of-State Occurrences. Of the resident total deaths, 5.8 percent occurred outside the State. The District of Columbia and the states that border Virginia accounted for 83.7 percent of these deaths. Of the 2,080 deaths which occurred to out-of-state residents in Virginia, 67.6 percent involved those who were residents of the bordering areas.

DEATHS INVOLVING VIRGINIA AND BORDERING AREAS
VIRGINIA, 1987

Area	Virginia residents dying out-of-state		Out-of-state residents dying in Virginia	
	Number	Percent	Number	Percent
TOTAL	2,686	100.0	2,080	100.0
Tennessee	738	27.5	60	2.9
District of Columbia	516	19.2	111	5.3
North Carolina	397	14.8	537	25.8
Maryland	326	12.1	211	10.1
West Virginia	253	9.4	445	21.4
Kentucky	19	0.7	43	2.1
Other	437	16.3	673	32.4

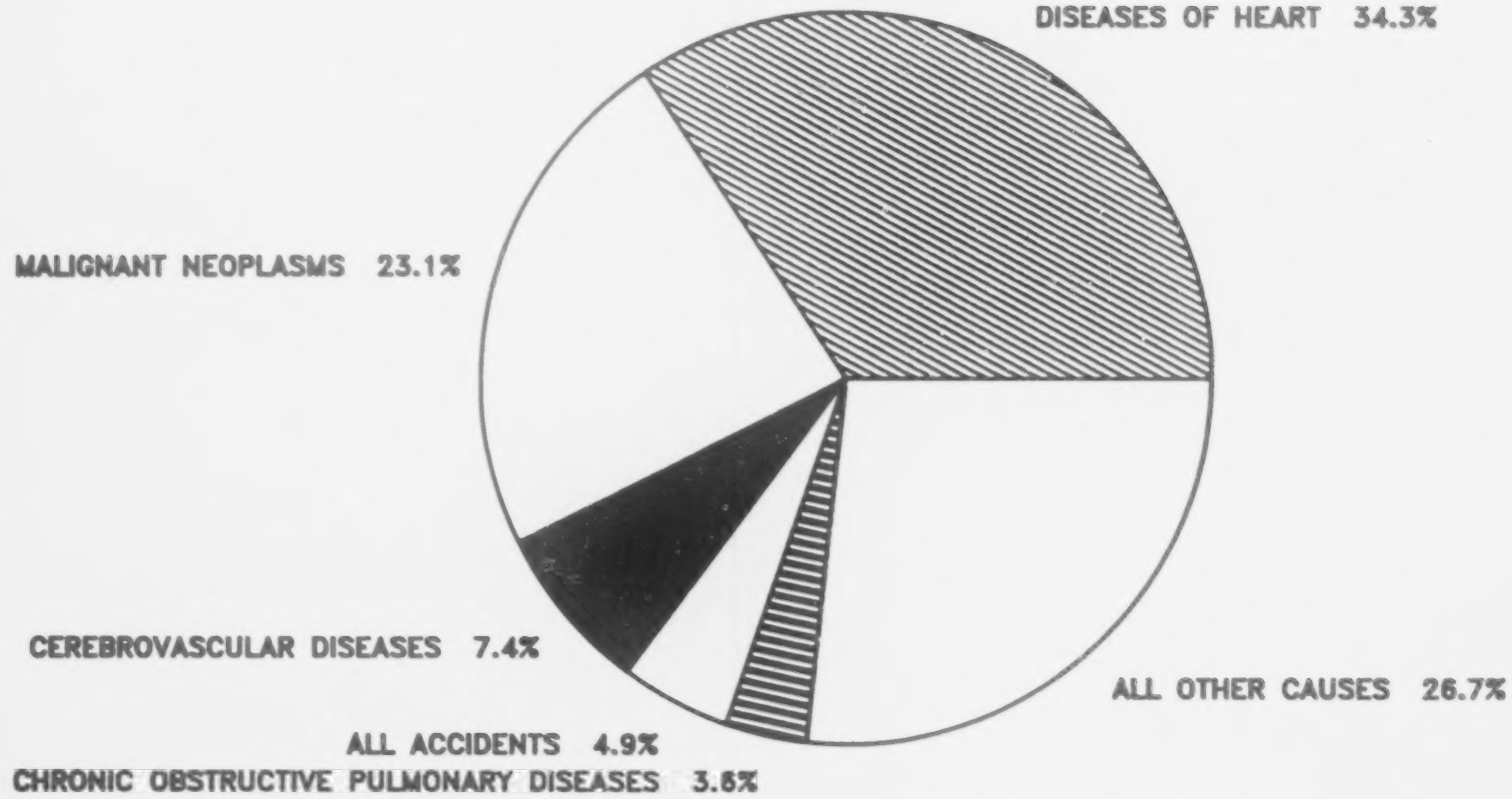
Leading Causes of Death. During the past 37 years, the four leading causes of death have been diseases of heart, malignant neoplasms, cerebrovascular disease, and accidents, ranking first to fourth, respectively, each year. These four causes together accounted for more than seven out of every ten Virginia resident deaths from 1966 to 1987, in which year the percent dropped to 69.8.

NUMBER AND RATE PER 100,000 POPULATION FOR THE MAJOR CAUSES OF DEATH
FOR SELECTED YEARS, VIRGINIA, 1950-1987

Year	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Diseases		All Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	9,941	299.5	3,389	102.1	3,653	110.1	2,058	62.0
1955	10,825	295.8	4,058	110.9	3,881	106.1	2,005	54.8
1960	12,512	314.1	4,730	118.8	4,153	104.3	2,000	50.2
1965	13,698	309.5	5,534	125.0	4,256	96.2	2,442	55.2
1970	14,494	310.7	6,383	136.8	4,175	89.5	2,588	55.5
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8
1985	16,036	280.1	10,455	182.6	3,510	61.3	2,176	38.0
1986	15,981	275.5	10,825	186.6	3,552	61.2	2,273	39.2
1987	15,988	272.2	10,789	183.7	3,438	58.5	2,302	39.2

CHART H

FIVE LEADING CAUSES OF DEATH
VIRGINIA, 1987



Deaths from malignant neoplasms have generally been increasing in number as well as in rate, but with some decline in both in 1987. The respiratory system with 3,225 and the digestive organs and peritoneum with 2,466 were the sites most often reported as primary. These sites accounted for more than one-half of all resident deaths attributed to malignant neoplasms.

LEADING CAUSES OF RESIDENT DEATHS BY RACE AND SEX, VIRGINIA, 1987

Cause	Total		White				Nonwhite			
			Male		Female		Male		Female	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
ALL CAUSES	46,618		18,681		17,482		5,753		4,702	
Diseases of heart (390-398,402,404-429)	15,988	1	6,504	1	6,168	1	1,700	1	1,616	1
Malignant neoplasms (140-208)	10,789	2	4,462	2	3,979	2	1,386	2	962	2
Cerebrovascular diseases (430-438)	3,438	3	965	4	1,661	3	358	4	454	3
Accidents, all types (E800-E949)	2,302	4	1,182	3	558	6	426	3	136	5
Chronic obstructive pulmonary diseases (490-496)	1,701	5	848	5	650	5	140	7	63	11
Pneumonia & influenza (480-487)	1,592	6	645	6	691	4	150	6	106	6
Suicide (E950-E959)	830	7	578	7	154	11	80	11	18	16
Diabetes mellitus (250)	740	8	209	9	270	7	93	9	168	4
Septicemia (038)	572	9	178	10½	218	9	90	10	86	8
Nephritis, Nephrotic Syndrome & Nephrosis (580-589)	530	10	178	10½	190	10	67	13	95	7
Other causes	8,136		2,932		2,943		1,263		998	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

HIV Infection (AIDS). In 1987, the first year that separate cause of death codes were used for HIV infection (AIDS-ICD codes 042-044), a total of 194 deaths for residents of Virginia was reported. Of these deaths, 168 or 86.6 percent were males. Most of the deaths (72.7 percent) were in the 25-44 age group which had a rate per 100,000 population of 7.3. The rate of 23.2 per 100,000 for nonwhite males aged 25-44 was the highest for the age/race/sex specific categories.

RESIDENT DEATHS DUE TO HIV INFECTION (AIDS-ICD 042-044) BY AGE, RACE AND SEX, WITH RATES PER 100,000 POPULATION, VIRGINIA, 1987

Race/Sex	Total	Age Groups						
		Under 5	5-14	15-24	25-44	45-64	65-74	75 & Over
TOTAL	194	1	2	7	141	35	7	1
White male	113			6	79	23	4	1
White female	13	1		1	6	2	3	
Nonwhite male	55		1		46	8		
Nonwhite female	13		1		10	2		
TOTAL RATES	3.3	0.3	0.2	0.7	7.3	3.1	1.8	0.4
White male	5.0	0.0	0.0	1.6	10.4	5.1	2.9	1.5
White female	0.6	0.7	0.0	0.3	0.8	0.4	1.6	0.0
Nonwhite male	9.0	0.0	1.0	0.0	23.2	8.5	0.0	0.0
Nonwhite female	2.0	0.0	1.0	0.0	4.7	1.8	0.0	0.0

Accidental Deaths. Accidents were responsible for the deaths of 2,302 Virginia residents in 1987, a 1.3 percent increase over the 2,273 of 1986. The accidental death rate for 1987 was 39.2 per 100,000 population compared to the provisional United States rate of 39.0.

RESIDENT DEATHS FROM ACCIDENTS AND CAUSES OTHER THAN ACCIDENTS WITH PERCENTAGES OF TOTAL DEATHS IN SPECIFIED AGE GROUPS, VIRGINIA, 1987

Age	Accidental Deaths		Non-Accidental Deaths	
	Number	Percent	Number	Percent
TOTAL	2,302	100.0	44,316	100.0
Under 1	19	0.8	896	2.0
1-4	63	2.7	107	0.2
5-14	79	3.4	95	0.2
15-24	444	19.3	439	1.0
25-44	626	27.2	2,215	5.0
45-64	429	18.6	9,220	20.8
65-74	249	10.8	11,016	24.9
75 and over	393	17.1	20,305	45.8
Unknown	0	0.0	23	0.1

As in previous years, accidents was the leading cause of death for Virginians in age groups 1-4 years, 5-14 years, 15-24 years and 25-44 years. These age groups accounted for only 2,856, or 6.4 percent, of the 44,316 non-accidental deaths; but, 52.6 percent of all accidental deaths occurred in these age groups. Accidents accounted for 586, or 47.8 percent, of the 1,227 deaths of Virginians aged 1 through 24.

Males accounted for 69.9 percent of the accidental deaths compared to 52.4 percent of all deaths. White males alone were more than half (51.3 percent) of the accidental death victims. For most types of accidents, males had a much higher number of deaths than females.

RESIDENT ACCIDENTAL DEATHS BY LEADING TYPES OF ACCIDENTS BY SEX VIRGINIA, 1987

Type of Accident	Total	Male	Female
TOTAL	2,302	1,608	694
Motor vehicle (E810-E825)	1,078	758	320
Falls (E880-E888)	260	136	124
Poisoning, all types (E850-E869)	156	121	35
Fires (E890-E899)	143	90	53
Suffocation from inhaled or ingested object (E911-E912)	125	68	57
Drowning and submersion (E910)	118	101	17
Surgical and medical misadventures and complications (E870-E879)	68	41	27
Excessive heat, cold, or exposure (E900-E904)	51	38	13
Machinery (E919)	45	45	
Falling or projected object or caught between objects (E916-E918)	30	30	
Electric current (E925)	27	26	1
Mechanical suffocation (E913)	24	14	10
Firearms (E922)	23	23	
Water transport (E830-E838)	23	21	2
Aircraft (E840-E845)	16	12	4
Railway (E800-E807)	16	14	2
All other	99	70	29

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Motor vehicles, the major cause of accidental deaths, accounted for 46.8 percent of the total. Motor vehicle deaths (1,078) decreased by 3.9 percent from the 1986 figure of 1,122. Virginia's motor vehicle death rate for 1987 was 18.4 per 100,000 population compared to the United States preliminary rate of 20.1 for the same year. Of the total motor vehicle fatalities, 64.1 percent were aged 15 through 44.

The second major cause of accidental deaths was falls, representing 11.3 percent of the total. Of these deaths due to falls, 72.3 percent occurred to those who were 65 years or older.

Of the total accidental deaths, 431, or 18.7 percent, occurred on the home premises. The two principal causes for home accidents were fires (135 deaths) and falls (110 deaths), accounting for 56.8 percent of all home accidental deaths. There were 10 firearm fatalities in the home representing 43.5 percent of the total accidental deaths by this means.

Persons 65 years and older were victims in 38.5 percent of the home accident fatalities. This age group accounted for 37.8 percent of the accidental fire deaths in the home and 74.5 percent of the accidental fall deaths in the home.

CLASSIFICATION OF RESIDENT ACCIDENTAL DEATHS BY RACE, VIRGINIA, 1987

Classification of Accident	Total	White	Nonwhite
TOTAL ACCIDENTAL DEATHS	2,302	1,740	562
Accidental deaths specified as to type:			
Motor vehicle (E810-E825)	1,078	875	203
Other transport (E800-E807,E826-E848)	60	43	17
Home (E850-E949, home)	422	298	124
Other (E850-E949, residual)	742	524	218

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Suicide. Suicide, the seventh leading cause of death in 1987, has been among the ten leading causes of death since 1966. There were 830 suicide deaths recorded for Virginia residents in 1987, resulting in an increase of 2.5 percent over the 810 occurring in 1986. Virginia's rate, 14.1 deaths per 100,000 population, was higher than the United States preliminary rate of 12.7 for 1987.

Suicides were more frequent among whites than nonwhites. While nonwhites comprised 21.5 percent of the population in 1987, only 11.8 percent of the suicidal deaths occurred in that group. Of all suicides, 69.6 percent involved white males; 18.6 percent, white females; 9.6 percent, nonwhite males; and 2.2 percent, nonwhite females.

RESIDENT SUICIDES BY AGE, BY RACE AND SEX
WITH RATES PER 100,000 POPULATION, VIRGINIA, 1987

Race/Sex	Total	Age Groups							
		Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over
TOTAL	830	6	138	172	145	103	105	98	63
White male	578	4	105	111	90	68	78	74	48
White female	154	1	19	30	33	21	23	17	10
Nonwhite male	80	1	11	26	15	12	3	7	5
Nonwhite female	18		3	5	7	2	1		
TOTAL RATES*	17.6	0.5	14.3	16.5	16.2	16.3	20.9	25.1	26.3
White male	31.9	0.9	27.5	27.3	25.4	26.3	39.9	54.5	73.4
White female	8.0	0.2	5.4	7.4	9.1	8.1	10.7	9.3	7.5
Nonwhite male	17.4	0.6	9.4	22.8	17.8	22.8	7.2	23.1	34.3
Nonwhite female	3.6	0.0	2.6	4.2	7.5	3.2	2.0	0.0	0.0

*Rates for totals of Race/Sex groups based on ages 15 and over.

The largest number (172) of those taking their own lives occurred for the group aged 25-34 years. The greatest age specific rate, however, occurred for persons aged 75 and over. In regard to age-race-sex specific rates, white male rates were highest for all age groups. The rates for white males were much higher for groups containing ages 55 and over than for the younger groups.

In 1987, suicide was the second leading cause of death for the age group 15-24 (after accidents) and it was the fourth leading cause for the age group 25-44 (after accidents, cancer, and heart disease).

Firearms and explosives were the implements used in 65.5 percent of the suicides. Of the 544 deaths by this means, 50.6 percent were under age 45. This method was used by 414, or 71.6 percent, of the 578 white males committing suicide and by 55, or 68.8 percent, of the nonwhite males. Hanging, strangulation and suffocation, the second most used method in 1987, was responsible for 78, or 9.4 percent, of the total suicides; 61.5 percent of these were white males.

RESIDENT SUICIDES BY RACE, SEX AND METHOD
VIRGINIA, 1987

Method	Total	Race/Sex			
		White Male	White Female	Nonwh Male	Nonwh Female
TOTAL	830	578	154	80	18
Firearms and explosives (E955)	544	414	71	55	4
Hanging, strangulation, and suffocation (E953)	78	48	18	9	3
Poisoning by drugs and medicaments (E950.0-E950.5)	87	32	43	4	8
Poisoning by domestic and other gases (E951-E952)	62	51	8	2	1
Jumping from high places (E957)	17	12	1	3	1
Cutting and piercing instruments (E956)	9	6	3		
Submersions (drownings) (E954)	14	1	6	6	1
Poisoning by other solid and liquid substances (E950.6-E950.9)	3	1	1	1	
Other and unspecified means (E958)	16	13	3		

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Homicides. Of the 46,618 deaths occurring to Virginia residents in 1987, homicides accounted for 1.0 percent. The 472 total homicides represented an increase of 3.1 percent over the 458 homicidal deaths in 1986. Virginia's death rate resulting from homicides, 8.0 per 100,000 population, has increased since 1986. The United States estimated rate for 1987 was 8.5.

In 1987, 207 of the homicide victims were white and 265 were nonwhite, producing rates of 4.5 and 20.9 per 100,000 population, respectively. Homicide was the fifth ranking cause of death for nonwhite males, the tenth for nonwhite females, the twelfth for white males, and the sixteenth for white females.

Homicide was the third leading cause of death for the 15-24 age group and fifth for the 25-44 age group. The median age at death for homicide victims was 32.9 years. For white males, it was 36.8 years; for white females, 39.2 years; for nonwhite males, 29.2 years; and for nonwhite females, 32.3 years.

Firearms and explosives were the implements used in 302, or 64.0 percent, of the homicides in 1987. Assault by cutting and piercing instruments, with 76, was the second most frequently used method. Eleven deaths were the result of injuries inflicted through legal intervention.

RESIDENT HOMICIDE DEATHS BY RACE BY METHOD
VIRGINIA, 1987

Method	Total	White	Nonwhite
TOTAL	472	207	265
Assault by:			
Firearms and explosives (E965)	302	124	178
Cutting and piercing instruments (E966)	76	31	45
Hanging and strangulation (E963)	28	20	8
Submersion (drowning) (E964)	4	3	1
Fight, brawl, rape (E960)	1	1	
Other and unspecified means (E968)	40	19	21
Child battering and other maltreatment (E967)	8	3	5
Late effects of injury purposely inflicted (E969)	2		2
Injury due to legal intervention (E970-E978)	11	6	5

NOTE: Numbers in parentheses are from ICD, 9th Revision.

MARRIAGES

In 1987, 67,004 marriages were performed in Virginia, an increase of 338, or 0.5 percent, over the 66,666 marriages recorded in 1986. Virginia's rate of 11.4 per 1,000 population for 1987 was higher than the United States provisional rate of 9.9 per 1,000 population.

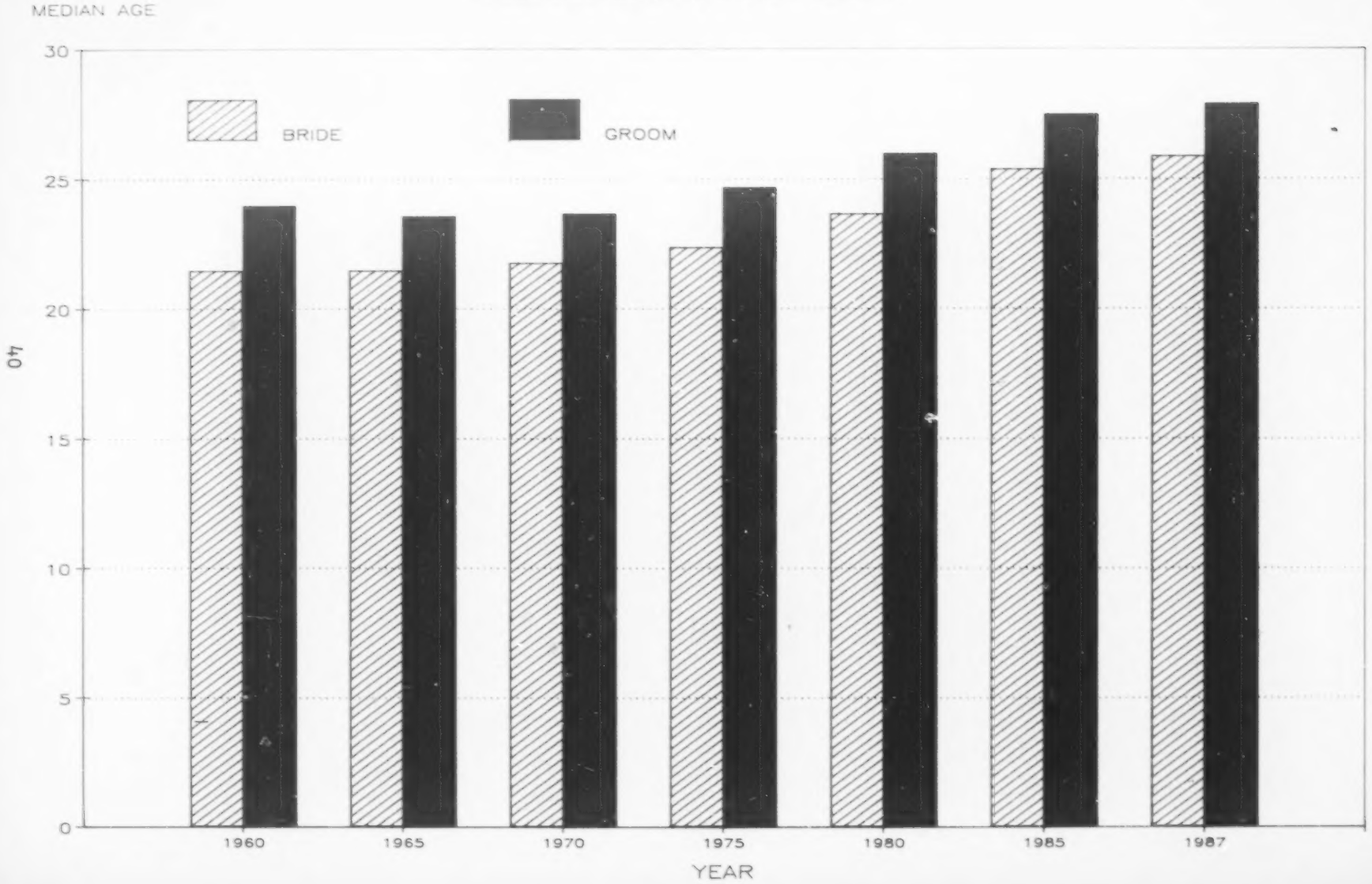
MARRIAGES BY RACE AND SEX
VIRGINIA, 1987

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	67,004	54,255	11,321	1,428
White males	54,058	53,095	405	558
Black males	11,815	850	10,878	87
Other males	1,131	310	38	783

Race. Marriages between white males and white females increased 1.2 percent over the previous year. For marriages where both parties were black, there was also an increase (0.9 percent).

CHART I

MEDIAN AGE AT MARRIAGE
VIRGINIA, 1960–1987



There were 2,248 interracial marriages in 1987, with 1,255 of these being between whites and blacks. A total of 850 involved black males and white females, and 405 were between white males and black females. There were 125 marriages recorded between persons classified as black and "other" race, while 868 involved "other" race and whites.

Place of Residence. For 50,602 marriages (75.5 percent), both the bride and the groom were residents of Virginia. There were 3,623 marriages (5.4 percent) between resident brides and non-resident grooms, and 1,802 (2.7 percent) between non-resident brides and resident grooms.

Marriages in which both bride and groom were non-residents of Virginia numbered 10,975 in 1987, 16.4 percent of the total number of marriages performed. This was a decrease of 1.1 percent from the 1986 number of 11,101. States of residence most frequently reported by non-resident brides and grooms from the same state married in Virginia were West Virginia, Pennsylvania, Maryland and District of Columbia.

MARRIAGES WHERE AT LEAST ONE PARTY WAS A NON-RESIDENT
BY STATE OF RESIDENCE, VIRGINIA, 1987

State of Residence	Both from Same State	Bride's State	Groom's State
West Virginia	2,679	2,984	2,922
Pennsylvania	1,218	1,391	1,467
Maryland	1,027	1,524	1,649
District of Columbia	889	1,168	1,200
North Carolina	798	1,047	1,419
Ohio	720	874	893
Tennessee	338	468	553
Kentucky	329	378	417
New York	234	383	595
New Jersey	210	293	383
Florida	167	275	420
Georgia	113	160	274

Fairfax county, with 6,178, led the State in the number of marriages performed. Following in descending order were Virginia Beach (4,057), Norfolk city (3,927), Arlington county (3,430), and Alexandria (2,874). These five cities and counties accounted for 30.5 percent of the total marriages in 1987.

Age. In 1987, twenty-three was the age most frequently stated for grooms. The most frequently stated age for brides was twenty-two. Marriages involving brides under twenty-one constituted 19.6 percent of the total marriages, whereas the percent for grooms was 9.8. Couples where both parties were under twenty-one constituted 7.6 percent of the total marriages. Among the brides, 9,198, or 13.7 percent, and among the grooms, 3,674, or 5.5 percent, were teenagers. The median ages for brides and grooms married in 1987 were 25.9 and 27.9 years, respectively. Comparable 1986 median ages were 25.6 and 27.7.

Marital Status. The 34,749 first marriages for both parties in 1987 accounted for 51.9 percent of the total marriages. The median ages for brides and grooms of these marriages were 22.7 and 24.4, respectively.

Brides who were previously married represented 36.2 percent of the total brides, and previously married grooms represented 35.6 percent of the 1987 grooms. In 1986, the percentages for previously married brides and grooms were 36.3 and 36.1, respectively.

Type Ceremony. The 41,666 religious ceremonies accounted for 62.2 percent of the total 1987 marriages. The number of civil ceremonies (25,280) increased by 2.8 percent over the 1986 figure of 24,597. Civil ceremonies accounted for 37.7 percent of the total marriages in 1987.

MARRIAGE CEREMONIES, NUMBER AND PERCENT
BY TYPE OF CEREMONY, VIRGINIA, 1987

Type of Ceremony	Number	Percent
TOTAL	67,004	100.0
Religious	41,666	62.2
Civil	25,280	37.7
Unknown	58	0.1

Month of Marriage. June, as in previous years, was the most popular month for marriages in 1987. During that month, 7,488 marriages were performed with 69.1 percent of these being religious ceremonies. May with 7,085 and August with 6,690 marriages were the second and third most popular months for marriage in 1987. The fewest marriages occurred in January with 3,142. The daily averages for the months are given in the table below.

DAILY AVERAGE OF MARRIAGES BY MONTH
VIRGINIA, 1987

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
184	101	155	131	173	229	250	193	216	209	200	166	180

Education. Of the 43,132 grooms marrying for the first time, 82.9 percent had completed at least 12 years of school. Among the 33,522 white grooms married for the first time, 23.6 percent had finished four or more years of college, while 13.7 percent of the 9,610 nonwhite grooms had finished four or more years of college.

Brides marrying for the first time totaled 42,691 with 84.2 percent completing at least four years of high school. White and nonwhite brides completing four or more years of college were 24.8 and 15.8 percent, respectively.

EDUCATION OF GROOMS AND BRIDES MARRYING FOR THE FIRST TIME
PERCENT COMPLETING EACH GRADE LEVEL BY RACE, VIRGINIA, 1987

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Groom								
Total	100.0	1.1	2.3	13.7	43.5	18.0	21.4	0.1
White	100.0	1.2	2.5	13.5	41.8	17.3	23.6	*
Nonwhite	100.0	0.9	1.7	14.3	49.1	20.2	13.7	0.1
Bride								
Total	100.0	0.8	1.8	13.2	39.9	21.5	22.8	0.1
White	100.0	0.8	1.9	13.4	38.7	20.3	24.8	0.1
Nonwhite	100.0	0.7	1.4	12.5	44.0	25.5	15.8	0.1

*Less than 0.05 percent.

Of the 23,849 grooms previously married, 78.8 percent completed at least 12 years of school, and 20.6 percent finished four years of college. For the 24,253 previously married brides, 80.1 percent completed at least high school and 13.5 percent finished four years of college.

DIVORCES AND ANNULMENTS

In 1987, 25,608 divorces and annulments were granted in Virginia resulting in a rate of 4.4 per 1,000 population. This was a slight increase over the 1986 rate of 4.3 per 1,000 population. However, Virginia's rate was still lower than the 1987 provisional rate of 4.8 for the United States.

The 1987 Virginia total represented a 2.9 percent increase over the 24,875 divorces and annulments recorded in 1986. There was an increase between 1985 and 1986 of 3.1 percent.

Race. There were 570 interracial divorces in 1987 with 246 separating white and black persons. Eighty divorces involved white males and black females, and 166 involved black males and white females. Forty-two divorces occurred for persons classified as "other" races and blacks, while 282 divorces involved whites and "other."

DIVORCES AND ANNULMENTS BY RACE AND SEX
VIRGINIA, 1987

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	25,608	21,581	3,614	413
White males	21,573	21,313	80	180
Black males	3,706	166	3,516	24
Other males	329	102	18	209

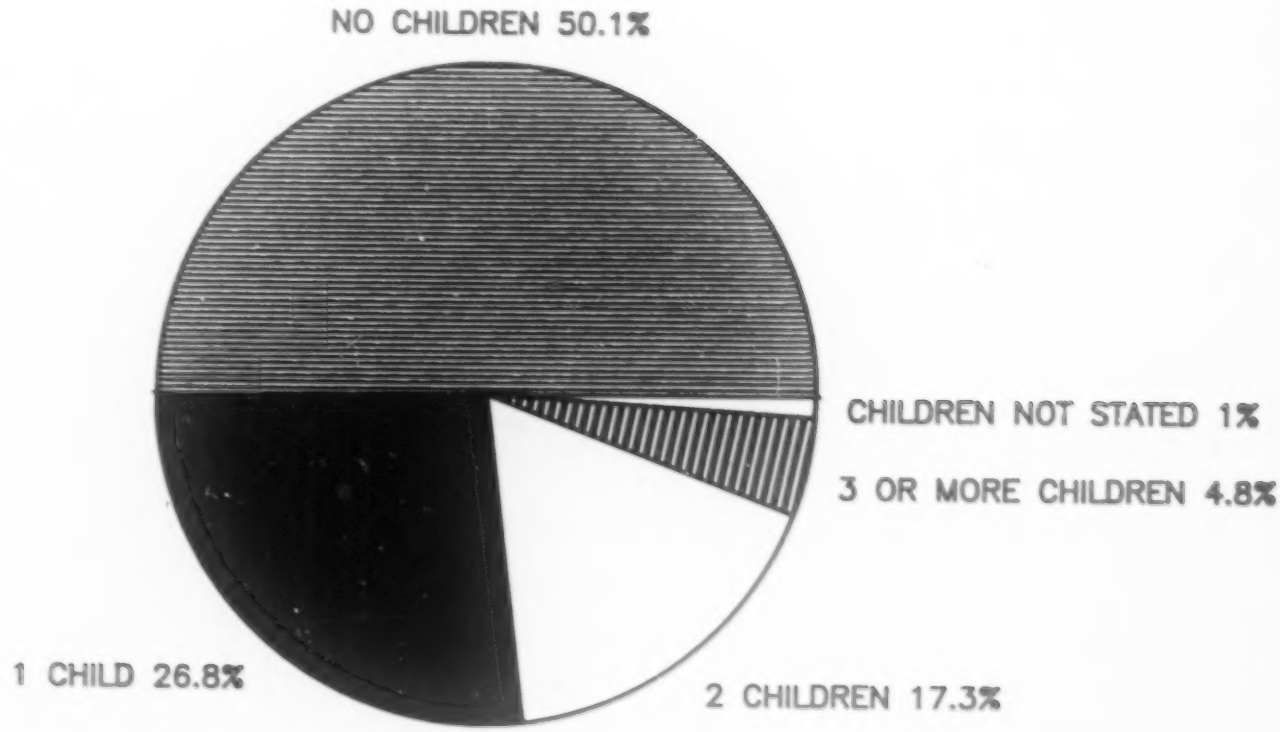
Place of Marriage. Of the total divorces and annulments, 8,285, or 32.4 percent, were granted to persons who were married outside of Virginia.

Age. In 1987, the median age at divorce for all men was 35.0 years, and 32.6 years for all women. Wives under twenty-one were involved in 2.6 percent of all divorces and annulments occurring in 1987, while only 0.6 percent of divorces involved husbands who were under twenty-one.

Children Under 18. In 1987, children under 18 were involved in 48.8 percent of the total divorces and annulments. There were approximately 19,646 such children, 444 more than in 1986. In 44.0 percent of the divorces the couples had one or two children, while 4.8 percent of the divorces involved couples with three or more children. Of the divorces in which the husband was white, 48.5 percent had one or more children as compared to 50.6 percent for those divorces in which the husband was nonwhite.

CHART J

DIVORCES INVOLVING CHILDREN
VIRGINIA, 1987



PERCENT OF DIVORCES AND ANNULMENTS WITH NUMBER OF CHILDREN IN FAMILY
BY RACE OF HUSBAND, VIRGINIA, 1987

Children Per Family (18 years and under)	Total	White		Nonwhite	
		Number	Percent	Number	Percent
TOTAL	25,608	21,573	100.0	4,035	100.0
None	12,867	10,912	50.6	1,955	48.5
1 child	6,856	5,750	26.7	1,106	27.4
2 children	4,422	3,746	17.4	676	16.8
3 children	995	803	3.7	192	4.8
4 or more children	222	156	0.7	66	1.6
Not stated	246	206	1.0	40	1.0

Grounds for Divorce. Virginia law allows divorce for only a limited number of reasons. In 1987, a total of 93.6 percent of the divorces were granted on grounds of separation for more than six months and 3.4 percent for desertion. In 57.1 percent of the cases, the divorce was granted to the wife. Annulments totaled 76 in 1987.

NUMBER OF DIVORCES AND ANNULMENTS BY CAUSE WITH PERCENT
BY PERSON TO WHOM DIVORCE WAS GRANTED, VIRGINIA, 1987

Cause	Total	Person to Whom Granted					
		Husband		Wife		Other/Unknown	
		Number	Percent	Number	Percent	Number	Percent
TOTAL	25,608	10,325	40.3	14,624	57.1	659	2.6
Separation	23,980	9,792	40.8	13,624	56.8	564	2.4
Desertion	882	313	35.5	538	61.0	31	3.5
Adultery, Sodomy	289	131	45.3	148	51.2	10	3.5
Cruelty	176	25	14.2	141	80.1	10	5.7
Imprisonment	58	3	5.2	54	93.1	1	1.7
Other/Unknown	147	41	27.9	65	44.2	41	27.9
Annulments	76	20	26.3	54	71.1	2	2.6

Marital Status. Couples for which both parties were ending their first marriage accounted for 63.1 percent of the total number of divorces granted. For women getting divorced in 1987, 73.5 were ending their first marriage and 21.0, their second marriage. Comparable percentages for men getting divorced were 73.4 and 21.3.

Duration of Marriage. The median duration of marriage to separation for all divorces was 5.4 years. For divorces in which the husband was white, the median length of time from marriage to separation was 5.5 years, while for divorces in which the husband was nonwhite, the comparable length of time was 4.9 years. For 21.7 percent of the divorces, the couples separated in less than two years, 31.9 percent in 2-5 years, 16.5 percent in 6-9 years, and 29.6 percent in 10 years or more. The duration of marriage to separation was stated as unknown on 65 of the records.

Place of Divorce. The largest number of divorces and annulments were granted in Fairfax county (3,117) which includes Fairfax City and Falls Church. This area was followed by Virginia Beach (1,831), Norfolk (1,194), and Henrico County (997).

Month of Divorce. December, with 2,892, was the month with the greatest frequency of divorces. Following in descending order were June (2,635), September (2,312), July (2,286), and March (2,116). The average numbers of divorces per day by month for 1987 are shown in the following table.

DAILY AVERAGE OF DIVORCES AND ANNULMENTS BY MONTH
VIRGINIA, 1987

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
70	49	59	68	70	61	88	74	67	77	67	68	93

Education. Of the 25,608 husbands receiving divorces in 1987, 19,648, or 76.7 percent, had completed at least 12 years of school. Among the 21,573 white husbands, 16,834, or 78.0 percent, had finished 12 years or more of school, while only 2,814, or 69.7 percent, of the 4,035 nonwhite husbands had finished 12 years or more.

EDUCATION OF DIVORCED HUSBANDS AND WIVES
PERCENT COMPLETING EACH GRADE LEVEL BY RACE
VIRGINIA, 1987

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Husband								
Total	100.0	2.1	4.5	14.6	41.3	16.2	19.2	2.1
White	100.0	1.8	4.5	13.8	41.0	16.3	20.8	1.9
Nonwhite	100.0	3.8	4.7	18.7	42.9	15.8	11.1	3.1
Wife								
Total	100.0	1.1	3.1	13.7	44.3	20.2	15.3	2.3
White	100.0	0.9	3.0	13.3	44.7	20.1	15.8	2.1
Nonwhite	100.0	2.0	3.6	16.3	42.0	20.5	12.3	3.4

Among the wives, 79.8 percent had completed 12 or more years of education. White and nonwhite wives completing 12 or more years of education were 80.7 and 74.8 percent, respectively. Education was unknown for 2.1 percent of the husbands and 2.3 percent of the wives.

CREMATIONS

In April, 1980, as required by Virginia Statute, the Department of Health began keeping information on the number of cremations that occur in Virginia. During 1987, a total of 3,991 cremations were reported by crematories registered with the Division of Vital Records, giving a ratio of 8.6 cremations per 100 deaths filed in Virginia. Fairfax reported the largest number of cremations in 1987, 882. This figure is low, however, since Fairfax cremations for out-of-state deaths are not included. The 1987 cremation figure represents a 7.0 percent increase over the 3,731 figure for 1986.

NUMBER OF CREMATIONS BY MONTH OCCURRING IN
CREMATORIES REGISTERED WITH DIVISION OF VITAL RECORDS
VIRGINIA, 1987

City or County of Location	Total	Month of Occurrence											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL CREMATIONS	3,991	334	278	355	359	340	329	340	346	287	364	297	362
Alexandria	269	23	14	28	18	29	28	26	22	19	21	20	21
Bedford City	196	20	17	13	14	19	16	9	17	12	24	19	16
Hampton	68				7	10	7	8	8	3	4	7	14
Harrisonburg	172	10	10	12	10	21	17	15	14	10	20	15	18
Newport News	151	14		20	17	15	18	13	13	7	7	14	13
Norfolk	410	37	42	40	37	34*	34*	35	29	34	29	25	34
Salem	209	21	16	19	19	17	11	15	21	14	28	10	18
Virginia Beach	363	43	26	38	34	32	24	28	25	26	33	23	31
Winchester	106	6	8	8	10	10	9	9	14	11	10	4	7
Arlington	375	25	35	24	38	26	29	23	27	33	31	43	41
Clarke	50	8	1	4	5	3	7	3	4	2	6	6	1
Fairfax**	882	64	51	91	84	65	65	82	87	59	87	65	82
Goochland	338	28	28	21	23	24	28	33	32	30	32	25	34
Henrico	383	31	28	35	40	34	34	40	32	27	30	21	31
Tazewell	19	4	2	2	3	1	2	1	1		2		1

*Estimated

**Does Not Include Cremations Where Deaths Occurred Out-of-State.

Data Tables

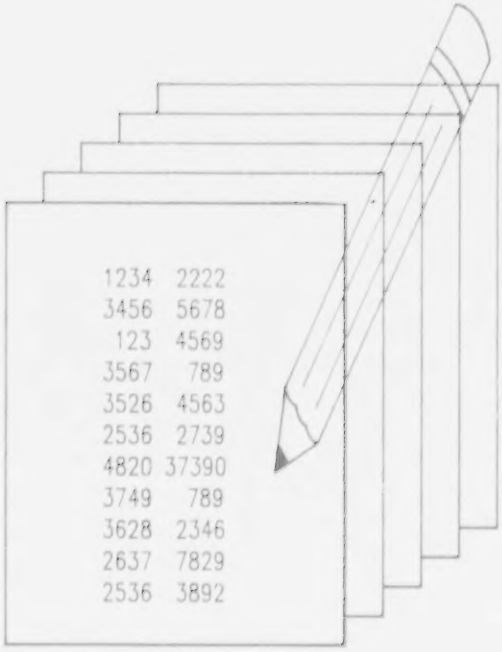

1234 2222
3456 5678
123 4569
3567 789
3526 4563
2536 2739
4820 37390
3749 789
3628 2346
2637 7829
2536 3892

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1987

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	90,314	15.4	46,618	7.9	915	10.1	32,436	7,201	67,004	25,608	5,874,303
District 1	1,159	10.9	976	9.2	11	9.5	146	35	1,293	449	106,313
Lee	342	12.2	271	9.7	4	11.7	29	12	261	122	28,031
Scott	254	9.8	245	9.5	2	7.9	25		398	93	25,875
Wise	509	10.7	412	8.7	4	7.9	84	22	568	234	47,464
Norton	54	10.9	48	9.7	1	18.5	8	1	66		4,943
District 2	1,467	9.9	1,101	7.4	22	15.0	176	106	2,089	502	147,842
Buchanan	364	9.2	248	6.3	8	22.0	56	29	583	113	39,476
Dickenson	197	9.3	156	7.4	3	15.2	28	13	434	70	21,214
Russell	340	10.0	256	7.6	4	11.8	35	23	360	117	33,905
Tazewell	566	10.6	441	8.3	7	12.4	57	41	712	202	53,247
District	1,975	10.5	1,929	10.2	10	5.1	388	186	2,067	745	188,349
Bland	68	9.9	59	8.6		0.0	14	4	87	30	6,888
Carroll	274	9.6	282	9.8	2	7.3	56	32	293	126	28,633
Grayson	169	9.9	153	8.9	1	5.9	34	20	152	88	17,096
Smyth	371	10.8	355	10.4	2	5.4	46	25	349	141	34,242
Washington	494	10.0	492	10.0	1	2.0	123	41	488	184	49,304
Wythe	286	10.7	279	10.5	3	10.5	77	46	352	102	26,644
Bristol	207	11.2	218	11.8	1	4.8	25	2	274	74	18,532
Galax	106	15.1	91	13.0		0.0	13	16	72		7,010
District 4	1,574	10.5	1,145	7.7	13	8.3	734	136	2,723	577	149,348
Floyd	102	8.2	142	11.5	1	9.8	20	11	98	47	12,364
Giles	199	10.9	169	9.3	3	15.1	26	9	1,592	66	18,237
Montgomery	787	11.5	391	5.7	4	5.1	459	79	596	287	68,346
Pulaski	368	10.1	339	9.3	4	10.9	88	30	329	128	36,341
Radford	118	8.4	104	7.4	1	8.5	141	7	108	49	14,060
District 5	3,075	11.8	2,720	10.4	25	8.1	1,122	320	2,889	1,193	260,518
Alleghany	153	10.4	145	9.9	2	13.1	30	8	100	78	14,665
Botetourt	280	11.1	181	7.2	3	10.7	57	25	221	107	25,120
Craig	47	11.0	41	9.6		0.0	11	2	38	15	4,274
Roanoke	778	9.9	681	8.7	3	3.9	266	71	654	353	78,668
Clifton Forge	55	10.6	94	18.2		0.0	9	6	174	20	5,167
Covington	71	8.9	94	11.8		0.0	26	13	267		7,982
Roanoke City	1,432	14.3	1,234	12.3	16	11.2	600	160	1,111	515	100,080
Salem	259	10.5	250	10.2	1	3.9	123	35	324	105	24,562
District 6	2,631	11.9	1,993	9.1	11	4.2	696	216	2,223	893	220,186
Augusta	647	12.5	376	7.2	2	3.1	239	35	381	239	51,899
Bath	65	11.6	65	11.6		0.0	10	3	137	18	5,618
Highland	24	7.7	43	13.7		0.0	6	3	74	4	3,134
Rockbridge	206	11.1	183	9.8	2	9.7	57	10	109	97	18,628
Rockingham	770	13.7	510	9.1	3	3.9	260	91	571	321	56,085
Buena Vista	66	9.5	85	12.2		0.0	21	4	92	24	6,979
Harrisonburg	296	10.8	192	7.0	2	6.8	37	29	203		27,493
Lexington	41	6.0	63	9.2		0.0	19	6	85		6,882
Staunton	266	10.7	269	10.8		0.0	26	30	345	106	24,845
Waynesboro	250	13.4	207	11.1	2	8.0	21	5	226	84	18,623
District 7	2,087	14.4	1,421	9.9	22	10.5	243	194	3,202	604	145,089
Clarke	141	13.3	128	12.0		0.0	16	9	109	37	10,628
Frederick	579	14.9	277	7.1	5	8.6	52	45	229	150	38,818
Page	259	12.4	208	10.0	2	7.7	41	31	194	95	20,812
Shenandoah	376	12.5	310	10.3	4	10.6	33	44	326	98	29,976
Warren	394	16.7	240	10.1	3	7.6	67	33	297	109	23,660
Winchester	338	15.9	268	12.6	8	23.7	34	32	2,047	115	21,195
District 8	22,022	17.5	6,351	5.0	163	7.4	8,404	1,542	15,601	5,654	1,261,136
Arlington	2,553	16.4	1,157	7.5	19	7.4	938	136	3,430	687	155,200
Fairfax	11,543	16.6	2,994	4.3	78	6.8	4,450	776	6,178	3,117	694,844
Loudoun	1,384	20.3	415	6.1	7	5.1	411	84	811	328	68,267
Prince William	3,843	21.6	573	3.2	29	7.5	1,235	294	1,424	978	177,806
Alexandria	1,685	15.6	843	7.8	17	10.1	1,034	198	2,874	544	r 107,765
Fairfax City	285	13.7	133	6.4	6	21.1	145	6	57		20,874
Falls Church	124	12.8	64	6.6	1	8.1	89	4	359		9,657
Manassas	466	23.6	144	7.3	5	10.7	95	39	461		19,712
Manassas Park	139	19.8	28	4.0	1	7.2	7	5	7		7,011
District 9	1,572	15.1	1,011	9.7	12	7.6	457	174	1,076	454	104,290
Culpeper	382	15.5	246	10.0	2	5.2	124	57	250	117	24,572
Fauquier	686	16.1	376	8.8	3	4.4	165	62	476	183	42,489
Madison	149	13.6	115	10.5	3	20.1	37	16	98	39	10,919
Orange	279	13.9	216	10.8	2	7.2	111	31	177	82	20,061
Rappahannock	76	12.2	58	9.3	2	26.3	20	8	75	33	6,249
District 10	2,229	14.0	1,244	7.8	22	9.9	969	220	1,360	627	158,980
Albemarle	877	13.5	376	5.8	10	11.4	619	55	442	269	65,042
Fluvanna	160	14.2	93	8.3	2	12.5	37	12	74	30	11,272
Greene	148	16.3	79	8.7	1	6.8	42	12	60	38	9,085
Louisa	285	14.5	190	9.6	3	10.5	66	23	163	92	19,705
Nelson	158	12.6	134	10.7	2	12.7	51	19	123	49	12,492
Charlottesville	601	14.5	372	9.0	4	6.7	154	99	498	149	41,384
District 11	2,690	12.9	1,982	9.5	29	10.8	830	312	1,767	867	209,185
Amherst	348	11.6	250	8.3	4	11.5	115	36	253	106	29,962
Appomattox	151	11.7	146	11.3	3	19.9	33	21	115	59	12,917
Bedford	562	13.6	341	8.3	6	10.7	73	53	335	193	41,291
Campbell	606	12.4	341	7.0	6	9.9	148	56	328	215	48,991
Bedford City	65	10.1	123	19.1	1	15.4	34	9	26		6,427
Lynchburg	958	13.8	781	11.2	9	9.4	427	137	710	294	69,597

(continued)

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1987 (continued)

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	90,314	15.4	46,618	7.9	915	10.1	32,436	7,201	67,004	25,608	5,874,303
District 12	3,057	12.4	2,385	9.7	30	9.8	798	298	2,368	986	246,871
Franklin	457	11.8	313	8.1	5	10.9	99	46	274	96	38,589
Henry	778	13.4	440	7.6	6	7.7	227	61	453	313	57,911
Patrick	196	10.8	156	8.6	2	10.2	34	12	173	75	18,190
Pittsylvania	781	11.5	643	9.5	8	10.2	273	80	492	256	68,013
Danville	592	13.1	602	13.3	8	13.5	98	76	587	179	45,134
Martinsville	253	13.3	231	12.1	1	4.0	67	23	389	67	19,034
District 13	1,018	12.1	1,005	11.9	10	9.8	281	132	679	304	84,161
Brunswick	201	12.5	187	11.6		0.0	49	18	120	46	16,111
Halifax	371	12.1	318	10.3	5	13.5	101	39	275	125	30,748
Mecklenburg	360	12.0	393	13.1	5	13.9	99	50	258	133	29,917
South Boston	86	11.6	107	14.5		0.0	32	25	26		7,385
District 14	1,069	12.4	982	11.4	12	11.2	345	100	730	251	86,470
Amelia	97	10.8	93	10.4	2	20.6	33	10	72	25	8,968
Buckingham	170	13.8	128	10.4	2	11.8	31	13	131	30	12,357
Charlotte	161	13.8	141	12.1	1	6.2	51	17	123	45	11,673
Cumberland	104	12.4	98	11.7	1	9.6	31	8	58	26	8,405
Lunenburg	149	12.2	152	12.4	2	13.4	63	17	83	37	12,260
Nottoway	161	10.7	189	12.6	1	6.2	68	11	125	36	14,980
Prince Edward	227	12.7	181	10.2	3	13.2	88	24	138	52	17,827
District 15	10,939	15.6	5,991	8.5	123	11.2	5,541	1,001	6,577	3,337	702,915
Charles City Co.	90	13.2	56	8.2	1	11.1	30	7	64	19	6,844
Chesterfield	3,074	16.7	861	4.7	23	7.5	1,082	337	1,324	982	183,822
Goochland	193	14.6	97	7.4	1	5.2	56	17	126	54	13,195
Hanover	814	14.2	437	7.6	6	7.4	284	59	511	237	57,478
Henrico	2,929	14.7	1,726	8.6	27	9.2	1,661	278	1,755	997	199,831
New Kent	147	13.6	66	6.1	2	13.6	55	10	82	33	10,830
Powhatan	174	11.5	84	5.6		0.0	46	20	116	45	15,127
Richmond City	3,518	16.3	2,664	12.3	63	17.9	2,327	273	2,599	965	215,788
District 16	2,295	15.7	1,059	7.2	29	12.6	753	209	1,472	642	146,191
Caroline	285	14.4	180	9.1	5	17.5	129	20	155	65	19,807
King George	206	17.0	108	8.9		0.0	54	23	142	48	12,133
Spotsylvania	713	16.8	295	6.9	12	16.8	163	57	353	208	42,511
Stafford	777	15.0	260	5.0	8	10.3	198	67	396	237	51,837
Fredericksburg	314	15.8	216	10.9	4	12.7	209	42	426	84	19,903
District 17	523	12.0	566	13.0	3	5.7	191	13	350	130	43,407
Lancaster	125	10.9	150	13.1		0.0	39		101	30	11,444
Northumberland	118	11.5	144	14.1	2	16.9	37	1	89	22	10,243
Richmond	82	11.3	81	11.1	1	12.2	30	2	39	28	7,278
Westmoreland	198	13.7	191	13.2		0.0	85	10	121	50	14,442
District 18	1,006	14.2	768	10.8	8	8.0	261	79	580	293	70,922
Essex	111	12.1	121	13.2	1	9.0	49	5	69	22	9,179
Gloucester	456	16.9	231	8.5	5	11.0	87	36	227	136	27,045
King and Queen	91	14.0	78	12.0		0.0	17	7	40	29	6,490
King William	160	15.2	97	9.2	1	6.3	53	10	85	33	10,512
Mathews	94	10.4	106	11.7		0.0	22	9	74	35	9,066
Middlesex	94	10.9	135	15.6	1	10.6	33	12	85	28	8,632
District 19	2,374	14.5	1,579	9.7	29	12.2	991	280	1,948	671	163,494
Dinwiddie	247	11.3	175	8.0	2	8.1	82	27	109	78	21,777
Greensville	176	16.2	98	9.0	2	11.4	64	5	56	43	10,844
Prince George	328	11.7	117	4.2	4	12.2	118	39	214	99	28,029
Surry	102	16.2	72	11.4	1	9.8	24	5	42	11	6,306
Sussex	172	16.9	126	12.4	3	17.4	44	18	102	34	10,201
Colonial Heights	200	11.6	161	9.3	1	5.0	132	31	255	80	17,281
Emporia	77	16.4	95	20.3		0.0	12	12	281		4,687
Hopewell	388	15.9	242	9.9	4	10.3	149	32	284	138	24,464
Petersburg	684	17.1	493	12.4	12	17.5	366	111	605	188	39,905
District 20	18,412	19.3	6,999	7.3	243	13.2	6,297	1,205	11,082	4,466	954,187
Isle of Wight	378	16.0	180	7.6	4	10.6	96	27	185	71	23,635
Southampton	208	11.3	184	10.0	2	9.6	44	9	164	55	18,328
Chesapeake	2,478	18.4	1,005	7.5	21	8.5	727	194	1,123	641	134,458
Franklin City	145	18.2	114	14.3	3	20.7	44	13	51		7,986
Norfolk	5,598	20.6	2,279	8.4	86	15.4	2,017	402	3,927	1,194	272,393
Portsmouth	1,973	17.7	1,074	9.6	35	17.7	649	135	1,142	506	111,747
Suffolk	800	15.1	514	9.7	10	12.5	176	74	433	168	53,147
Virginia Beach	6,832	20.5	1,649	5.0	82	12.0	2,544	351	4,057	1,831	332,493
District 21	6,517	17.3	2,709	7.2	83	12.7	2,687	389	4,368	1,805	377,621
James City Co.	344	12.1	173	6.1	5	14.5	59	34	129	142	28,342
York	324	7.8	194	4.7	1	3.1	131	24	313	190	41,452
Hampton	2,301	18.1	929	7.3	20	8.7	1,032	135	1,327	585	126,883
Newport News	3,173	19.9	1,262	7.9	52	16.4	1,201	161	1,912	867	159,049
Poquoson	121	11.2	58	5.4	2	16.5	43	3	66		10,822
Williamsburg	254	22.9	93	8.4	3	11.8	221	32	621	21	11,073
District 22	623	13.3	692	14.8	5	8.0	114	51	405	158	46,828
Accomack	440	13.7	474	14.8	3	6.8	72	32	285	88	32,071
Northampton	183	12.4	218	14.8	2	10.9	42	19	120	70	14,757
Unknown							12	3	145		
Out-of-State									10		

*Included in adjoining county.
NOTE: Some abortions that occurred in other states for residents of Virginia are included.

TABLE 2 - PROJECTED POPULATION* FOR JULY 1, 1987, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA

Planning District/ City or County	Total	White	Nonwhite
STATE OF VIRGINIA	5,874,303	4,609,147	1,265,156
District 1	106,313	104,613	1,700
Lee	28,031	27,870	161
Scott	25,875	25,691	184
Wise	47,464	46,415	1,049
Norton	4,943	4,637	306
District 2	147,842	145,636	2,206
Buchanan	39,476	39,293	183
Dickenson	21,214	21,075	139
Russell	33,905	33,556	349
Tazewell	53,247	51,712	1,535
District 3	188,349	183,142	5,207
Bland	6,888	6,638	250
Carroll	28,633	28,487	146
Grayson	17,096	16,498	598
Smyth	34,242	33,557	685
Washington	49,304	48,373	931
Wythe	26,644	25,633	1,011
Bristol	18,532	17,300	1,232
Galax	7,010	6,656	354
District 4	149,348	142,785	6,563
Floyd	12,364	12,014	350
Giles	18,237	17,822	415
Montgomery	68,346	65,684	2,662
Pulaski	36,341	34,271	2,070
Radford	14,060	12,994	1,066
District 5	260,518	228,837	31,681
Alleghany	14,665	14,244	421
Botetourt	25,120	24,300	820
Craig	4,274	4,259	15
Roanoke	78,668	76,535	2,133
Clifton Forge	5,167	4,295	872
Covington	7,982	6,751	1,231
Roanoke City	100,080	75,036	25,044
Salem	24,562	23,417	1,145
District 6	220,186	209,354	10,832
Augusta	51,899	49,848	2,051
Bath	5,618	5,112	506
Highland	3,134	3,106	28
Rockbridge	18,628	18,121	507
Rockingham	56,085	54,994	1,091
Buena Vista	6,979	6,683	296
Harrisonburg	27,493	26,350	1,143
Lexington	6,882	6,170	712
Staunton	24,845	22,063	2,782
Waynesboro	18,623	16,907	1,716
District 7	145,089	138,637	6,452
Clarke	10,628	9,533	1,095
Frederick	38,818	38,182	636
Page	20,812	20,218	594
Shenandoah	29,976	29,499	477
Warren	23,660	22,230	1,430
Winchester	21,195	18,975	2,220
District 8	1,261,136	1,053,248	207,888
Arlington	155,200	119,960	35,240
Fairfax	694,844	591,963	102,881
Loudoun	68,267	61,925	6,342
Prince William	177,806	156,879	20,927
Alexandria	107,765	70,930	36,835
Fairfax City	20,874	18,972	1,902
Falls Church	9,657	8,669	988
Manassas	19,712	17,492	2,220
Manassas Park	7,011	6,458	553
District 9	104,290	87,212	17,078
Culpeper	24,572	19,505	5,067
Fauquier	42,489	36,530	5,959
Madison	10,919	8,981	1,938
Orange	20,061	16,513	3,548
Rappahannock	6,249	5,683	566
District 10	158,980	130,370	28,610
Albemarle	65,042	57,310	7,732
Fluvanna	11,272	8,093	3,179
Greene	9,085	8,414	671
Louisa	19,705	13,634	6,071
Nelson	12,492	10,058	2,434
Charlottesville	41,384	32,861	8,523
District 11	209,185	169,768	39,417
Amherst	29,962	23,721	6,241
Appomattox	12,917	9,983	2,934
Bedford	41,291	37,592	3,699
Campbell	48,991	41,997	6,994
Bedford City	6,427	5,089	1,338
Lynchburg	69,597	51,386	18,211
District 12	246,871	185,812	61,059
Franklin	38,589	33,922	4,667
Henry	57,911	44,112	13,799
Patrick	18,190	16,731	1,459
Pittsylvania	68,013	48,950	19,063
Danville	45,134	29,443	15,691
Martinsville	19,034	12,654	6,380
District 13	84,161	48,352	35,809
Brunswick	16,111	6,823	9,288
Halifax	30,748	18,620	12,128
Mecklenburg	29,917	18,441	11,476
South Boston	7,385	4,468	2,917
District 14	86,470	53,169	33,301
Amelia	8,968	6,000	2,968
Buckingham	12,357	7,067	5,290
Charlotte	11,673	7,501	4,172
Cumberland	8,405	4,847	3,558
Lunenburg	12,260	7,811	4,449
Nottoway	14,980	8,907	6,073
Prince Edward	17,827	11,036	6,791
District 15	702,915	498,081	204,834
Charles City Co.	6,844	1,344	5,500
Chesterfield	183,822	165,481	18,341
Goochland	13,195	9,029	4,166
Hanover	57,478	50,936	6,542
Henrico	199,831	159,200	40,631
New Kent	10,830	8,429	2,401
Powhatan	15,127	11,819	3,308
Richmond City	215,788	91,843	123,945
District 16	146,191	121,468	24,723
Caroline	19,807	11,500	8,307
King George	12,133	9,307	2,826
Spotsylvania	42,511	36,885	5,626
Stafford	51,837	47,994	3,843
Fredericksburg	19,903	15,782	4,121
District 17	43,407	29,025	14,382
Lancaster	11,444	7,786	3,658
Northumberland	10,243	6,934	3,309
Richmond	7,278	5,190	2,088
Westmoreland	14,442	9,115	5,327
District 18	70,922	53,434	17,488
Essex	9,179	5,411	3,768
Gloucester	27,045	23,532	3,513
King and Queen	6,490	3,565	2,925
King William	10,512	6,925	3,587
Mathews	9,064	7,669	1,395
Middlesex	8,632	6,332	2,300
District 19	163,494	93,301	70,193
Dinwiddie	21,777	13,801	7,976
Greensville	10,844	4,593	6,251
Prince George	28,029	18,238	9,791
Surry	6,306	2,546	3,760
Sussex	10,201	4,400	5,801
Colonial Heights	17,281	17,023	258
Emporia	4,687	2,689	1,998
Hopewell	24,464	18,697	5,767
Petersburg	39,905	11,314	28,591
District 20	954,187	652,181	302,006
Isle of Wight	23,635	15,094	8,541
Southampton	18,328	9,835	8,493
Chesapeake	134,458	94,160	40,298
Franklin City	7,986	3,551	4,435
Norfolk	272,393	156,792	115,601
Portsmouth	111,747	56,579	55,168
Suffolk	53,147	28,717	24,430
Virginia Beach	332,493	287,453	45,040
District 21	377,621	253,335	124,286
James City Co.	28,342	20,826	7,516
York	41,452	33,465	7,987
Hampton	126,883	76,055	50,828
Newport News	159,049	102,753	56,296
Poquoson	10,822	10,690	132
Williamsburg	11,073	9,546	1,527
District 22	46,828	27,387	19,441
Accomack	32,071	19,825	12,246
Northampton	14,757	7,562	7,195

*Figures from the Department of Planning and Budget.

TABLE 3
ESTIMATED POPULATION, BIRTHS, DEATHS, MARRIAGES, AND DIVORCES
WITH RATES PER 1,000 POPULATION BY RACE, VIRGINIA, 1968-1987

YEAR	RACE	ESTIMATED POPULATION	RESIDENT BIRTHS		RESIDENT DEATHS		MARRIAGES		DIVORCES (including annulments)	
			Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	Total	4,692,675	82,138	17.5	39,687	8.5	52,173	11.1	10,571	2.3
	White	3,780,317	63,296	16.7	29,852	7.9	44,008	11.6	8,715	2.3
	Nonwhite	912,358	18,842	20.7	9,835	10.8	8,165	8.9	1,856	2.0
1969	Total	4,781,175	83,420	17.4	39,048	8.2	52,575	11.0	11,417	2.4
	White	3,858,719	64,833	16.8	29,368	7.6	44,367	11.5	9,460	2.5
	Nonwhite	922,456	18,587	20.1	9,680	10.5	8,208	8.9	1,957	2.1
1970	Total	4,665,532	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
	White	3,772,853	66,657	17.7	29,618	7.9	44,066	11.7	9,880	2.6
	Nonwhite	892,679	19,424	21.8	9,391	10.5	7,898	8.8	1,999	2.2
1971	Total	4,714,227	82,713	17.5	39,464	8.4	52,158	11.1	13,261	2.8
	White	3,825,758	63,592	16.6	30,282	7.9	44,202	11.6	11,083	2.9
	Nonwhite	888,469	19,121	21.5	9,182	10.3	7,956	9.0	2,178	2.5
1972	Total	4,764,000	75,068	15.8	40,886	8.6	55,863	11.7	14,155	3.0
	White	3,871,370	57,440	14.8	31,392	8.1	47,232	12.2	11,741	3.0
	Nonwhite	892,630	17,628	19.7	9,494	10.6	8,631	9.7	2,414	2.7
1973	Total	4,811,000	71,665	14.9	41,103	8.5	58,431	12.1	16,078	3.3
	White	3,921,430	54,877	14.0	31,536	8.0	49,388	12.6	13,202	3.4
	Nonwhite	889,570	16,788	18.9	9,567	10.8	9,043	10.2	2,876	3.2
1974	Total	4,908,000	71,066	14.5	40,561	8.3	56,617	11.5	16,704	3.4
	White	4,015,380	54,248	13.5	31,298	7.8	47,882	11.9	13,871	3.5
	Nonwhite	892,620	16,818	18.8	9,263	10.4	8,735	9.8	2,833	3.2
1975	Total	4,966,200	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
	White	4,068,490	53,207	13.1	30,522	7.5	46,907	11.5	16,332	4.0
	Nonwhite	897,710	16,825	18.7	9,021	10.0	7,781	8.7	3,029	3.4
1976	Total	5,032,300*	69,972	13.9	40,056	8.0	56,469	11.2	21,381	4.2
	White	4,095,340	53,012	12.9	30,946	7.6	48,478	11.8	18,077	4.4
	Nonwhite	936,360	16,960	18.1	9,110	9.7	7,991	8.5	3,304	3.5
1977	Total	5,134,500*	74,246	14.5	39,744	7.7	57,778	11.3	21,459	4.2
	White	4,184,080	55,662	13.3	30,642	7.3	49,175	11.8	18,181	4.3
	Nonwhite	950,520	18,584	19.6	9,102	9.6	8,603	9.1	3,278	3.4
1978	Total	5,148,100*	73,349	14.2	40,649	7.9	58,967	11.5	22,654	4.4
	White	4,152,430	54,921	13.2	31,497	7.6	50,187	12.1	19,182	4.6
	Nonwhite	995,470	18,428	18.5	9,152	9.2	8,780	8.8	3,472	3.5
1979	Total	5,259,424	76,899	14.6	40,798	7.8	58,678	11.2	23,555	4.5
	White	4,152,277	56,736	13.7	31,749	7.6	49,775	12.0	19,678	4.7
	Nonwhite	1,107,147	20,163	18.2	9,049	8.2	8,903	8.0	3,877	3.5
1980	Total	5,346,279	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
	White	4,229,734	58,047	13.7	32,865	7.8	51,317	12.1	19,770	4.7
	Nonwhite	1,116,545	20,376	18.2	9,631	8.6	8,893	8.0	3,845	3.4
1981	Total	5,429,700	79,278	14.6	42,199	7.8	61,410	11.3	25,103	4.6
	White	4,295,733	58,820	13.7	32,954	7.7	52,061	12.1	21,154	4.9
	Nonwhite	1,133,967	20,458	18.0	9,245	8.2	9,349	8.2	3,949	3.5
1982	Total	5,461,961	81,098	14.8	41,897	7.7	62,099	11.4	26,138	4.8
	White	4,303,418	60,469	14.1	32,826	7.6	52,543	12.2	22,278	5.2
	Nonwhite	1,158,543	20,629	17.8	9,071	7.8	9,556	8.2	3,860	3.3
1983	Total	5,527,218	80,779	14.6	43,734	7.9	61,858	11.2	25,482	4.6
	White	4,346,502	60,086	13.8	34,112	7.8	51,984	12.0	21,503	4.9
	Nonwhite	1,180,716	20,693	17.5	9,622	8.1	9,874	8.4	3,979	3.4
1984	Total	5,598,403	82,662	14.8	44,252	7.9	66,143	11.8	24,705	4.4
	White	4,393,849	61,391	14.0	34,507	7.9	54,804	12.5	20,977	4.8
	Nonwhite	1,204,554	21,271	17.7	9,745	8.1	11,339	9.4	3,728	3.1
1985	Total	5,725,957	85,984	15.0	45,236	7.9	66,541	11.6	24,131	4.2
	White	4,502,420	63,999	14.2	35,331	7.8	54,097	12.0	20,340	4.5
	Nonwhite	1,223,537	21,985	18.0	9,905	8.1	12,444	10.2	3,791	3.1
1986	Total	5,800,148	87,125	15.0	46,476	8.0	66,666	11.5	24,875	4.3
	White	4,555,791	64,400	14.1	36,059	7.9	53,494	11.7	20,887	4.6
	Nonwhite	1,244,357	22,725	18.3	10,417	8.4	13,172	10.6	3,988	3.2
1987	Total	5,874,303	90,314	15.4	46,618	7.9	67,004	11.4	25,608	4.4
	White	4,609,147	66,885	14.5	36,163	7.8	54,058	11.7	21,573	4.7
	Nonwhite	1,265,156	23,429	18.5	10,455	8.3	12,946	10.2	4,035	3.2

*Due to rounding, the sum of the white and nonwhite is not equal to the total.

TABLE 4

RESIDENT ILLEGITIMATE BIRTHS AND LOW WEIGHT BIRTHS WITH PERCENT OF TOTAL BIRTHS, AND DEATHS UNDER ONE YEAR AND UNDER 28 DAYS WITH RATE PER 1,000 LIVE BIRTHS BY RACE

VIRGINIA, 1968-1987

Year	Race	Illegitimate Births		Low Weight Births		Infant Deaths			
						Total Under One Year		Under 28 Days	
		Number	Percent	Number	Percent	Number	Rate	Number	Rate
1968	Total	9,397	11.4	7,221	8.8	1,885	22.9	1,405	17.1
	White	3,139	5.0	4,641	7.3	1,189	18.8	943	14.9
	Nonwhite	6,258	33.2	2,580	13.7	696	36.9	462	24.5
1969	Total	9,583	11.5	7,126	8.5	1,849	22.2	1,399	16.8
	White	3,323	5.1	4,684	7.2	1,231	19.0	963	14.9
	Nonwhite	6,260	33.7	2,442	13.1	618	33.2	436	23.5
1970	Total	10,263	11.9	7,200	8.4	1,790	20.8	1,400	16.3
	White	3,354	5.0	4,549	6.8	1,144	17.2	927	13.9
	Nonwhite	6,909	35.6	2,651	13.6	646	33.3	473	24.4
1971	Total	10,071	12.2	6,658	8.0	1,697	20.5	1,280	15.5
	White	3,004	4.7	4,284	6.7	1,126	17.7	861	13.5
	Nonwhite	7,067	37.0	2,374	12.4	571	29.9	419	21.9
1972	Total	9,806	13.1	5,956	7.9	1,524	20.3	1,161	15.5
	White	2,699	4.7	3,710	6.5	986	17.2	768	13.4
	Nonwhite	7,107	40.3	2,246	12.7	538	30.5	393	22.3
1973	Total	9,514	13.3	5,478	7.6	1,313	18.3	1,000	14.0
	White	2,707	4.9	3,471	6.3	872	15.9	686	12.5
	Nonwhite	6,807	40.5	2,007	12.0	441	26.3	314	18.7
1974	Total	9,738	13.7	5,394	7.6	1,236	17.4	947	13.3
	White	2,782	5.1	3,365	6.2	797	14.7	612	11.3
	Nonwhite	6,956	41.4	2,029	12.1	439	26.1	335	19.9
1975	Total	10,220	14.6	5,377	7.7	1,233	17.6	931	13.3
	White	3,040	5.7	3,322	6.2	802	15.1	600	11.3
	Nonwhite	7,180	42.7	2,055	12.2	431	25.6	331	19.7
1976	Total	10,703	15.3	5,274	7.5	1,143	16.3	838	12.0
	White	3,334	6.3	3,207	6.0	699	13.2	518	9.8
	Nonwhite	7,369	43.4	2,067	12.2	444	26.2	320	18.9
1977	Total	12,125	16.3	5,451	7.3	1,167	15.7	834	11.2
	White	3,742	6.7	3,287	5.9	724	13.0	511	9.2
	Nonwhite	8,383	45.1	2,164	11.6	443	23.8	323	17.4
1978	Total	12,546	17.1	5,399	7.4	989	13.5	693	9.4
	White	3,953	7.2	3,247	5.9	611	11.1	423	7.7
	Nonwhite	8,593	46.6	2,152	11.7	378	20.5	270	14.7
1979	Total	14,246	18.5	5,814	7.6	1,135	14.8	835	10.9
	White	4,417	7.8	3,461	6.1	712	12.5	530	9.3
	Nonwhite	9,829	48.7	2,353	11.7	423	21.0	305	15.1
1980	Total	14,995	19.1	5,916	7.5	1,075	13.7	779	9.9
	White	4,950	8.5	3,404	5.9	686	11.8	488	8.4
	Nonwhite	10,045	49.3	2,512	12.3	389	19.1	291	14.3
1981	Total	15,353	19.4	5,851	7.4	1,000	12.6	724	9.1
	White	5,174	8.8	3,444	5.9	624	10.6	443	7.5
	Nonwhite	10,179	49.8	2,407	11.8	376	18.4	281	13.7
1982	Total	15,923	19.6	5,944	7.3	1,046	12.9	762	9.4
	White	5,578	9.2	3,456	5.7	647	10.7	462	7.6
	Nonwhite	10,345	50.1	2,488	12.1	399	19.3	300	14.5
1983	Total	16,627	20.6	5,905	7.3	986	12.2	693	8.6
	White	6,009	10.0	3,434	5.7	577	9.6	387	6.4
	Nonwhite	10,618	51.3	2,471	11.9	409	19.8	306	14.8
1984	Total	17,197	20.8	6,036	7.3	1,014	12.3	724	8.8
	White	6,098	9.9	3,534	5.8	606	9.9	436	7.1
	Nonwhite	11,099	52.2	2,502	11.8	408	19.2	288	13.5
1985	Total	18,421	21.4	6,070	7.1	990	11.5	696	8.1
	White	6,897	10.8	3,597	5.6	589	9.2	414	6.5
	Nonwhite	11,524	52.4	2,473	11.2	401	18.2	282	12.8
1986	Total	19,493	22.4	6,207	7.1	958	11.0	645	7.4
	White	7,516	11.7	3,659	5.7	565	8.8	374	5.8
	Nonwhite	11,977	52.7	2,548	11.2	393	17.3	271	11.9
1987	Total	20,515	22.7	6,355	7.0	915	10.1	601	6.7
	White	8,293	12.4	3,713	5.6	539	8.1	343	5.1
	Nonwhite	12,222	52.2	2,642	11.3	376	16.0	258	11.0

TABLE 5

RESIDENT TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS WITH RATES PER 1,000 FEMALES AGED 15-44 BY RACE

VIRGINIA, 1968-1987

Year	Race	Total Pregnancy Terminations		Live Births		All Fetal Deaths					
						Total		Induced Abortions		Natural Fetal Deaths*	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	Total	88,178	90.2	82,138	84.1	6,040	6.2				
	White	67,975	85.6	63,296	79.7	4,679	5.9				
	Nonwhite	20,203	110.3	18,842	102.9	1,361	7.4				
1969	Total	89,801	90.3	83,420	83.9	6,381	6.4				
	White	69,865	86.3	64,833	80.1	5,032	6.2				
	Nonwhite	19,936	107.6	18,587	100.3	1,349	7.3				
1970	Total	94,554	93.4	86,081	85.0	8,473	8.4	1,633	1.6	6,840	6.8
	White	73,388	89.0	66,657	80.8	6,731	8.2	1,428	1.7	5,303	6.4
	Nonwhite	21,166	113.0	19,424	103.7	1,742	9.3	205	1.1	1,537	8.2
1971	Total	92,573	88.8	82,713	79.4	9,860	9.5	3,764	3.6	6,096	5.8
	White	70,720	83.1	63,592	74.7	7,128	8.4	2,528	3.0	4,600	5.4
	Nonwhite	21,853	114.3	19,121	100.0	2,732	14.3	1,236	6.5	1,496	7.8
1972	Total	85,547	79.8	75,068	70.0	10,479	9.8	4,564	4.3	5,915	5.5
	White	64,193	73.2	57,440	65.5	6,753	7.7	2,371	2.7	4,382	5.0
	Nonwhite	21,354	109.4	17,628	90.3	3,726	19.1	2,193	11.2	1,533	7.9
1973	Total	84,373	76.6	71,665	65.0	12,708	11.5	7,136	6.5	5,572	5.1
	White	63,093	69.9	54,877	60.8	8,216	9.1	4,068	4.5	4,148	4.6
	Nonwhite	21,280	106.9	16,788	84.3	4,492	22.6	3,068	15.4	1,424	7.2
1974	Total	90,257	79.7	71,066	62.8	19,191	17.0	13,594	12.0	5,597	4.9
	White	66,896	72.0	54,248	58.4	12,648	13.6	8,437	9.1	4,211	4.5
	Nonwhite	23,361	115.1	16,818	82.9	6,543	32.2	5,157	25.4	1,386	6.8
1975	Total	92,915	80.0	70,032	60.3	22,883	19.7	17,066	14.7	5,817	5.0
	White	67,815	71.0	53,207	55.7	14,608	15.3	10,365	10.9	4,243	4.4
	Nonwhite	25,100	121.3	16,825	81.3	8,275	40.0	6,701	32.4	1,574	7.6
1976	Total	97,604	82.3	69,972	59.0	27,632	23.3	21,563	18.2	6,069	5.1
	White	70,602	72.6	53,017	54.5	17,590	18.1	13,201	13.6	4,389	4.5
	Nonwhite	27,002	126.9	16,960	79.7	10,042	47.2	8,362	39.3	1,680	7.9
1977	Total	105,831	87.2	74,246	61.2	31,585	26.0	25,399	20.9	6,186	5.1
	White	76,298	76.5	55,662	55.8	20,636	20.7	16,170	16.2	4,466	4.5
	Nonwhite	29,533	136.2	18,584	85.7	10,949	50.5	9,229	42.6	1,720	7.9
1978	Total	107,972	86.4	73,349	58.7	34,623	27.7	28,492	22.8	6,131	4.9
	White	78,953	78.5	54,921	54.6	24,032	23.9	19,642	19.5	4,390	4.4
	Nonwhite	29,019	119.5	18,428	75.9	10,591	43.6	8,850	36.4	1,741	7.2
1979	Total	112,559	88.2	76,899	60.2	35,660	27.9	29,455	23.1	6,205	4.9
	White	81,609	79.6	56,736	55.2	24,873	24.3	20,453	20.0	4,420	4.3
	Nonwhite	30,950	122.9	20,163	80.1	10,787	42.8	9,002	35.8	1,785	7.1
1980	Total	114,933	88.1	78,423	60.1	36,510	28.0	30,062	23.1	6,448	4.9
	White	83,693	80.2	58,047	55.6	25,646	24.6	21,026	20.1	4,620	4.4
	Nonwhite	31,240	119.9	20,376	78.2	10,864	41.7	9,036	34.7	1,828	7.0
1981	Total	116,075	87.7	79,278	59.9	36,797	27.8	30,166	22.8	6,631	5.0
	White	84,361	79.7	58,820	55.6	25,541	24.1	20,706	19.6	4,835	4.6
	Nonwhite	31,714	119.7	20,458	77.2	11,256	42.5	9,460	35.7	1,796	6.8
1982	Total	117,565	86.9	81,098	59.9	36,467	26.9	30,012	22.2	6,455	4.8
	White	85,859	81.4	60,469	57.3	25,390	24.1	20,719	19.6	4,671	4.4
	Nonwhite	31,706	106.3	20,629	69.2	11,077	37.1	9,293	31.2	1,784	6.0
1983	Total	116,856	85.0	80,779	58.7	36,077	26.2	29,598	21.5	6,479	4.7
	White	85,001	79.5	60,086	56.2	24,915	23.3	20,177	18.9	4,738	4.4
	Nonwhite	31,855	104.1	20,693	67.6	11,162	36.5	9,421	30.8	1,741	5.7
1984	Total	120,257	86.1	82,662	59.2	37,595	26.9	30,819	22.1	6,776	4.8
	White	87,420	80.7	61,391	56.7	26,029	24.0	21,040	19.4	4,989	4.6
	Nonwhite	32,837	104.5	21,271	67.7	11,566	36.8	9,779	31.1	1,787	5.7
1985	Total	124,073	88.1	85,984	61.1	38,089	27.1	31,094	22.1	6,995	5.0
	White	90,231	82.5	63,999	58.5	26,232	24.0	21,046	19.2	5,186	4.7
	Nonwhite	33,842	107.5	21,985	69.8	11,857	37.7	10,048	31.9	1,809	5.7
1986	Total	126,499	88.6	87,125	61.0	39,374	27.6	31,977	22.4	7,397	5.2
	White	91,251	82.5	64,400	58.2	26,851	24.3	21,361	19.3	5,490	5.0
	Nonwhite	35,248	109.7	22,725	70.7	12,523	39.0	10,616	33.0	1,907	5.9
1987	Total	129,951	89.8	90,314	62.4	39,637	27.4	32,436	22.4	7,201	5.0
	White	93,605	83.6	66,885	59.7	26,720	23.9	21,428	19.1	5,292	4.7
	Nonwhite	36,346	110.9	23,429	71.5	12,917	39.4	11,008	33.6	1,909	5.8

*Only total fetal deaths were reported prior to 1970 when induced abortions became legal.

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	87,613	64,504	23,109	90,314	66,885	23,429	15.4	14.5	18.5
District 1	995	976	19	1,159	1,139	20	10.9	10.9	11.8
Lee	169	168	1	342	341	1	12.2	12.2	6.2
Scott				254	251	3	9.8	9.8	16.3
Wise	441	431	10	509	500	9	10.7	10.8	8.6
Norton	385	377	8	54	47	7	10.9	10.1	22.9
District 2	946	935	11	1,467	1,442	25	9.9	9.9	11.3
Buchanan	55	55		364	363	2	9.5	9.2	10.9
Dickenson	2	2		197	195	2	9.3	9.3	14.4
Russell	200	197	3	340	337	3	10.0	10.0	8.6
Tazewell	689	681	8	566	548	18	10.6	10.6	11.7
District 3	1,680	1,630	50	1,975	1,909	66	10.5	10.4	12.7
Bland				68	68		9.9	10.2	0.0
Carroll	1	1		274	271	3	9.6	9.5	20.5
Grayson	3	3		169	167	2	9.9	10.1	3.3
Smyth	308	299	9	371	362	9	10.8	10.8	13.1
Washington	629	621	8	494	485	9	10.0	10.0	9.7
Wythe	271	254	17	286	271	15	10.7	10.6	14.8
Bristol				207	191	16	11.2	11.0	13.0
Galax	468	452	16	106	94	12	15.1	14.1	33.9
District 4	1,278	1,205	73	1,574	1,467	107	10.5	10.3	16.3
Floyd	6	6		102	96	6	8.2	8.0	17.1
Giles	1	1		199	191	8	10.9	10.7	19.3
Montgomery	567	540	27	787	732	55	11.5	11.1	20.7
Pulaski	86	73	13	368	344	24	10.1	10.0	11.6
Radford	618	585	33	118	104	14	8.4	8.0	13.1
District 5	4,148	3,529	619	3,075	2,572	503	11.8	11.2	15.9
Alleghany	318	301	17	153	149	4	10.4	10.5	9.5
Botetourt				280	272	8	11.1	11.2	9.8
Craig				47	47		11.0	11.0	0.0
Roanoke	2	2		778	747	31	9.9	9.8	14.5
Clifton Forge	2	2		55	48	7	10.6	11.2	8.0
Covington				71	60	11	8.9	8.9	8.9
Roanoke City	2,922	2,380	542	1,432	1,008	424	14.3	13.4	16.9
Salem	904	844	60	259	241	18	10.5	10.3	15.7
District 6	2,678	2,561	117	2,631	2,496	135	11.9	11.9	12.5
Augusta	8	8		647	631	16	12.5	12.7	7.8
Bath				65	64	1	11.6	12.5	2.0
Highland	1	1		24	24		7.7	7.7	0.0
Rockbridge	3	3		206	195	11	11.1	10.8	21.7
Rockingham	14	14		770	760	10	13.7	13.8	9.2
Buena Vista				66	64	2	9.5	9.6	6.8
Harrisonburg	1,413	1,379	34	296	277	19	10.8	10.5	16.6
Lexington	274	258	16	41	37	4	6.0	6.0	5.6
Staunton	402	371	31	266	222	44	10.7	10.1	15.8
Waynesboro	563	527	36	250	222	28	13.4	13.1	16.3
District 7	2,136	2,045	91	2,087	1,992	95	14.4	14.4	14.7
Clarke	3	3		141	128	13	13.3	13.4	11.9
Frederick	9	9		579	571	8	14.9	15.0	12.6
Page	2	2		259	252	7	12.4	12.5	11.8
Shenandoah	251	244	7	376	369	7	12.5	12.5	14.7
Warren	252	234	18	394	371	23	16.7	16.7	16.1
Winchester	1,619	1,553	66	338	301	37	15.9	15.9	16.7
District 8	20,043	16,314	3,729	22,022	17,990	4,032	17.5	17.1	19.4
Arlington	3,252	2,411	841	2,553	1,980	573	16.4	16.5	16.3
Fairfax	9,842	8,246	1,596	11,543	9,493	2,050	16.6	16.0	19.9
Loudoun	875	808	67	1,384	1,270	114	20.3	20.5	18.0
Prince William	1,262	1,065	197	3,843	3,252	591	21.6	20.7	28.2
Alexandria	3,563	2,699	864	1,685	1,112	573	15.6	15.7	15.6
Fairfax City	4	4		285	247	38	13.7	13.0	20.0
Falls Church				124	113	11	12.8	13.0	11.1
Manassas	1,245	1,081	164	466	390	76	23.6	22.3	34.2
Manassas Park				139	133	6	19.8	20.6	10.8
District 9	788	682	106	1,572	1,309	263	15.1	15.0	15.4
Culpeper	245	201	44	382	288	94	15.5	14.8	18.6
Fauquier	535	473	62	686	599	87	16.1	16.4	14.6
Madison	3	3		149	121	28	13.6	13.5	14.4
Orange	3	3		279	230	49	13.9	13.9	13.8
Rappahannock	2	2		76	71	5	12.2	12.5	8.8
District 10	3,145	2,427	718	2,229	1,768	461	14.0	13.6	16.1
Albemarle	1,851	1,245	606	877	781	96	13.5	13.6	12.4
Fluvanna	1		1	160	115	45	14.2	14.2	14.2
Greene	1	1		148	139	9	16.3	16.5	13.4
Louisa				285	208	77	14.5	15.3	12.7
Nelson	1	1		158	127	31	12.6	12.6	12.7
Charlottesville	1,291	1,180	111	601	398	203	14.5	12.1	23.8
District 11	2,698	1,978	720	2,690	2,013	677	12.9	11.9	17.2
Amherst	1	1		348	277	71	11.6	11.7	11.4
Appomattox				151	105	46	11.7	10.5	15.7
Bedford	2	2		562	506	56	13.6	13.5	15.1
Campbell	1	1		606	489	117	12.4	11.6	16.7
Bedford City	401	328	73	65	36	29	10.1	7.1	21.7
Lynchburg	2,293	1,646	647	958	600	358	13.8	11.7	19.7

(continued)

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	87,613	64,504	23,109	90,314	66,885	23,429	15.4	14.5	18.5
District 12	2,478	1,564	914	3,057	2,007	1,050	12.4	10.8	17.2
Franklin	191	126	65	457	381	76	11.8	11.2	16.3
Henry	5	3	2	778	563	215	13.4	12.8	15.6
Patrick	144	119	25	196	176	20	10.8	10.5	13.7
Pittsylvania	3	3		781	501	280	11.5	10.2	14.7
Danville	1,220	668	552	592	262	330	13.1	8.9	21.0
Martinsville	915	645	270	253	124	129	13.3	9.8	20.2
District 13	852	465	387	1,018	516	502	12.1	10.7	14.0
Brunswick	1		1	201	77	124	12.5	11.3	13.4
Halifax				371	209	162	12.1	11.2	13.4
Mecklenburg	152	78	74	360	189	171	12.0	10.2	14.9
South Boston	699	387	312	86	41	45	11.6	9.2	15.4
District 14	351	135	216	1,069	558	511	12.4	10.5	15.3
Amelia	1		1	97	67	30	10.8	11.2	10.1
Buckingham	4	3	1	170	86	84	13.8	12.2	15.9
Charlotte	7	3	4	161	87	74	13.8	11.6	17.7
Cumberland				104	57	47	12.4	11.8	13.2
Lunenburg	1		1	149	86	63	12.2	11.0	14.2
Nottoway	2	1	1	161	87	74	10.7	9.8	12.2
Prince Edward	336	128	208	227	88	139	12.7	8.0	20.5
District 15	13,025	8,414	4,611	10,939	7,212	3,727	15.6	14.5	18.2
Charles City Co.				90	25	65	13.2	18.6	11.8
Chesterfield	14	12	2	3,074	2,686	388	16.7	16.2	21.2
Goochland	1		1	193	157	36	14.6	17.4	8.6
Hanover	5	5		814	705	109	14.2	13.8	16.7
Henrico	5,517	4,601	916	2,929	2,240	689	14.7	14.1	17.0
New Kent	2	2		147	121	26	13.6	14.4	10.8
Powhatan	4	3	1	174	152	22	11.5	12.9	6.7
Richmond City	7,482	3,791	3,691	3,518	1,126	2,392	16.3	12.3	19.3
District 16	1,509	1,284	225	2,295	1,871	424	15.7	15.4	17.2
Caroline	3	1	2	285	165	120	14.4	14.3	14.4
King George	1	1		206	156	50	17.0	16.8	17.7
Spotsylvania	6	3	3	713	614	99	16.8	16.6	17.6
Stafford	9	7	2	777	713	64	15.0	14.9	16.7
Fredericksburg	1,490	1,272	218	314	223	91	15.8	14.1	22.1
District 17	270	151	119	523	275	248	12.0	9.5	17.2
Lancaster	268	150	118	125	56	69	10.9	7.2	18.9
Northumberland	1		1	118	63	55	11.5	9.1	18.6
Richmond				82	54	28	11.3	10.4	13.4
Westmoreland	1	1		198	102	96	13.7	11.2	18.0
District 18	8	4	4	1,006	758	248	14.2	14.2	14.2
Essex	4	2	2	111	52	59	12.1	9.6	15.7
Gloucester	3	2	1	456	396	60	16.9	16.8	17.1
King and Queen				91	49	42	14.0	13.7	14.4
King William				160	113	47	15.2	16.3	13.1
Mathews				94	79	15	10.4	10.3	10.8
Middlesex	1		1	94	69	25	10.9	10.9	10.9
District 19	1,948	965	983	2,374	1,166	1,208	14.5	12.5	17.2
Dinwiddie	1		1	247	159	88	11.3	11.5	11.0
Greensville				176	69	107	16.2	15.0	17.1
Prince George				328	220	108	11.7	12.1	11.0
Surry	1	1		102	43	59	16.2	16.9	15.7
Sussex				172	62	110	16.9	14.1	19.0
Colonial Heights				200	179	21	11.6	10.5	81.4
Emporia	165	19	146	77	24	53	16.4	8.9	26.5
Hopewell	369	262	107	388	247	141	15.9	13.2	24.4
Petersburg	1,412	683	729	686	163	521	17.1	14.4	18.2
District 20	18,751	12,257	6,494	18,412	12,053	6,359	19.3	18.5	21.1
Isle of Wight	1		1	378	243	135	16.0	16.1	15.8
Southampton				208	96	112	11.3	9.8	13.2
Chesapeake	2,110	1,446	664	2,478	1,685	793	18.4	17.9	19.7
Franklin City	386	185	201	145	63	82	18.2	17.7	18.5
Norfolk	7,150	4,274	2,886	5,598	3,065	2,533	20.6	19.5	21.9
Portsmouth	4,592	2,920	1,672	1,973	928	1,045	17.7	16.4	18.9
Suffolk	777	336	441	800	383	417	15.1	13.3	17.1
Virginia Beach	3,725	3,096	629	6,832	5,590	1,242	20.5	19.4	27.6
District 21	7,361	4,762	2,599	6,517	4,076	2,441	17.3	16.1	19.6
James City Co.	5	3	2	344	265	79	12.1	12.7	10.5
York	1	1		324	261	63	7.8	7.8	7.9
Hampton	2,754	1,449	1,305	2,301	1,415	886	18.1	18.6	17.4
Newport News	3,843	2,702	1,141	3,173	1,863	1,310	19.9	18.1	23.3
Poquoson	1	1		121	118	3	11.2	11.0	22.7
Williamsburg	737	606	131	254	154	100	22.9	16.1	65.5
District 22	525	221	304	623	296	327	13.3	10.8	16.8
Accomack	7	4	3	440	216	224	13.7	10.9	18.3
Northampton	518	217	301	183	80	103	12.4	10.6	14.3

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife & Other		Physician	Midwife & Other		Physician	Midwife & Other
STATE OF VIRGINIA	90,314	66,885	23,429	89,693	292	329	66,435	151	299	23,258	141	30
District 1	1,159	1,139	20	1,159			1,139			20		
Lee	342	341	1	342			341			1		
Scott	254	251	3	254			251			3		
Wise	509	500	9	509			500			9		
Norton	54	47	7	54			47			7		
District 2	1,467	1,442	25	1,466	1		1,441	1		25		
Buchanan	364	362	2	364			362			2		
Dickenson	197	195	2	196	1		194	1		2		
Russell	340	337	3	340			337			3		
Tazewell	566	548	18	566			548			18		
District 3	1,975	1,909	66	1,967	2	6	1,902	2	5	65		1
Bland	68	68		68			68					
Carroll	274	271	3	273	1		270	1		3		
Grayson	169	167	2	168	1	2	164	1	2	2		
Smyth	371	362	9	371			362			9		
Washington	494	485	9	492		2	483		2	9		
Wythe	286	271	15	285		1	271			14		1
Bristol	207	191	16	207			191			16		
Galax	106	94	12	105		1	93		1	12		
District 4	1,574	1,467	107	1,563	2	9	1,458	1	8	105	1	1
Floyd	102	96	6	96	1	5	90	1	5	6		
Giles	199	191	8	198		1	190		1	8		
Montgomery	787	732	55	786		1	731		1	55		
Pulaski	368	344	24	366	1	1	344			22	1	1
Radford	118	104	14	117		1	103		1	14		
District 5	3,075	2,572	503	3,068	4	3	2,565	4	3	503		
Alleghany	153	149	4	152	1		148	1		4		
Botetourt	280	272	8	280			272			8		
Craig	47	47		47			47					
Roanoke	778	747	31	776		2	745		2	31		
Clifton Forge	55	48	7	53	2		46	2		7		
Covington	71	60	11	71			60			11		
Roanoke City	1,432	1,008	424	1,430	1	1	1,006	1	1	424		
Salem	259	241	18	259			241			18		
District 6	2,631	2,496	135	2,602	3	26	2,467	3	26	135		
Augusta	647	631	16	638	2	7	622	2	7	16		
Bath	65	64	1	65			64			1		
Highland	24	24		23		1	23		1			
Rockbridge	206	195	11	203		3	192		3	11		
Rockingham	770	760	10	756	1	13	746	1	13	10		
Buena Vista	66	64	2	66			64			2		
Harrisonburg	296	277	19	295		1	276		1	19		
Lexington	41	37	4	41			37			4		
Staunton	266	222	44	265		1	221		1	44		
Waynesboro	250	222	28	250			222			28		
District 7	2,087	1,992	95	2,061	6	20	1,966	6	20	95		
Clarke	141	128	13	138	2	1	125	2	1	13		
Frederick	579	571	8	570	3	6	562	3	6	5		
Page	259	252	7	258	1		251	1		7		
Shenandoah	376	369	7	375		1	368		1	7		
Warren	394	371	23	385		9	362		9	23		
Winchester	338	301	37	335		3	298		3	37		
District 8	22,022	17,990	4,032	21,858	85	79	17,856	59	75	4,002	26	5
Arlington	2,553	1,980	573	2,527	14	12	1,958	10	12	569	4	
Fairfax	11,543	9,493	2,050	11,454	42	47	9,421	26	46	2,033	16	1
Loudoun	1,384	1,270	114	1,370	9	5	1,256	9	5	114		
Prince William	3,843	3,252	591	3,824	10	9	3,239	7	6	585	3	3
Alexandria	1,685	1,112	573	1,675	8	2	1,105	5	2	570	3	
Fairfax City	285	247	38	281	2	2	243	2	2	38		
Falls Church	124	113	11	124			113			11		
Manassas	466	390	76	464		2	388		2	76		
Manassas Park	139	133	6	139			133			6		
District 9	1,572	1,309	263	1,543	7	22	1,283	6	20	260	1	2
Culpeper	382	288	94	378		4	286		2	92		2
Fauquier	686	599	87	673	2	11	586	2	11	87		
Madison	149	121	28	145	1	3	117	1	3	28		
Orange	279	230	49	273	4	2	225	3	2	48	1	
Rappahannock	76	71	5	74		2	69		2	5		
District 10	2,229	1,768	461	2,212	8	9	1,754	5	9	458	3	
Albemarle	877	781	96	873		4	777		4	96		
Fluvanna	160	115	45	159	1		115			44	1	
Greene	148	139	9	146	1	1	137	1	1	9		
Louisa	285	208	77	280	5		205	3		75	2	
Nelson	158	127	31	157		1	126		1	31		
Charlottesville	601	398	203	597	1	3	394	1	3	203		
District 11	2,690	2,013	677	2,683	4	3	2,007	3	3	676	1	
Amherst	348	277	71	346	1	1	275	1	1	71		
Appomattox	151	105	46	151			105			46		
Bedford	562	506	56	559	2	1	503	2	1	56		
Campbell	606	489	117	605		1	488		1	117		
Bedford City	65	36	29	64	1		36			28	1	
Lynchburg	958	600	358	958			600			358		

(continued)

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife & Other		Physician	Midwife & Other		Physician	Midwife & Other
STATE OF VIRGINIA	90,314	66,885	23,429	89,693	292	329	66,435	151	299	23,258	141	30
District 12	3,057	2,007	1,050	3,039	13	5	1,996	6	5	1,043	7	
Franklin	457	381	76	455	1	1	380		1	75	1	
Henry	778	563	215	772	4	2	559	2	2	213	2	
Patrick	196	176	20	195	1		175	1		20		
Pittsylvania	781	501	280	776	3	2	497	2	2	279	1	
Danville	592	262	330	590	2		262			328	2	
Martinsville	253	124	129	251	2		123	1		128	1	
District 13	1,018	516	502	1,012	6		515	1		497	5	
Brunswick	201	77	124	200	1		77			123	1	
Halifax	371	209	162	371			209			162		
Mecklenburg	360	189	171	357	3		189			168	3	
South Boston	86	41	45	84	2		40	1		44	1	
District 14	1,069	558	511	1,050	11	8	550	2	6	500	9	2
Amelia	97	67	30	96	1		67			29	1	
Buckingham	170	86	84	165	2	3	83		3	82	2	
Charlotte	161	87	74	154	2	5	84		3	70	2	2
Cumberland	104	57	47	104			57			47		
Lunenburg	149	86	63	146	3		85	1		61	2	
Nottoway	161	87	74	158	3		86	1		72	2	
Prince Edward	227	88	139	227			88			139		
District 15	10,939	7,212	3,727	10,861	31	45	7,163	11	38	3,700	20	7
Charles City Co.	90	25	65	89	1		25			64	1	
Chesterfield	3,074	2,686	388	3,058	7	9	2,672	6	8	386	1	1
Goochland	193	157	36	192	1		157			35	1	
Hanover	814	705	109	808	1	5	700		5	108	1	
Henrico	2,929	2,240	689	2,908	4	17	2,226	1	13	682	3	4
New Kent	147	121	26	145		2	119		2	26		
Powhatan	174	152	22	170	2	2	149	1	2	21	1	
Richmond City	3,518	1,126	2,392	3,493	15	10	1,115	3	8	2,378	12	2
District 16	2,295	1,671	624	2,272	17	6	1,659	7	5	613	10	1
Caroline	285	165	120	281	3	1	164	1		117	2	1
King George	206	156	50	204	1	1	155		1	49	1	
Spotsylvania	713	614	99	706	6	1	611	2	1	95	4	
Stafford	777	713	64	770	4	3	707	3	3	63	1	
Fredericksburg	314	223	91	311	3		222	1		89	2	
District 17	523	275	248	519	4		272	3		247	1	
Lancaster	125	56	69	124	1		55	1		69		
Northumberland	118	63	55	117	1		63			54	1	
Richmond	82	54	28	82			54			28		
Westmoreland	198	102	96	196	2		100	2		96		
District 18	1,006	758	248	1,003	2	1	756	2		247		1
Essex	111	52	59	109	2		50	2		59		
Gloucester	456	396	60	456			396			60		
King and Queen	91	49	42	91			49			42		
King William	160	113	47	160			113			47		
Mathews	94	79	15	94			79			15		
Middlesex	94	69	25	93		1	69			24		1
District 19	2,374	1,166	1,208	2,369	2	3	1,164	1	1	1,205	1	2
Dinwiddie	247	159	88	246		1	159			87		1
Greensville	176	69	107	176			69			107		
Prince George	328	220	108	328			220			108		
Surry	102	43	59	101		1	42		1	59		
Sussex	172	62	110	172			62			110		
Colonial Heights	200	179	21	200			179			21		
Emporia	77	24	53	77			24			53		
Hopewell	388	247	141	387	1		246	1		141		
Petersburg	684	163	521	682	1	1	163			519	1	1
District 20	18,417	12,053	6,359	18,293	50	69	11,974	18	61	6,319	32	8
Isle of Wight	378	243	135	377	1		243			134	1	
Southampton	208	96	112	208			96			112		
Chesapeake	2,478	1,685	793	2,464	4	10	1,673	4	8	791		2
Franklin City	145	63	82	145			63			82		
Norfolk	5,598	3,085	2,533	5,562	21	15	3,050	4	11	2,512	17	4
Portsmouth	1,973	928	1,045	1,962	8	3	924	2	2	1,038	6	1
Suffolk	800	383	417	796	4		383			413	4	
Virginia Beach	6,832	5,590	1,242	6,779	12	41	5,542	8	40	1,237	4	1
District 21	6,517	4,076	2,441	6,476	30	11	4,056	9	11	2,420	21	
James City Co.	344	265	79	341	2	1	262	2	1	79		
York	324	261	63	323		1	260		1	63		
Hampton	2,301	1,415	886	2,285	10	6	1,403	6	6	882	4	
Newport News	3,173	1,863	1,310	3,155	16	2	1,861		2	1,294	16	
Poquoson	121	118	3	120	1		117	1		3		
Williamsburg	254	154	100	252	1	1	153		1	99	1	
District 22	623	296	327	615	4	4	292	1	3	323	3	1
Accomack	440	216	224	432	4	4	212	1	3	220	3	1
Northampton	183	80	103	183			80			103		

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, LOW WEIGHT BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Illegitimate Live Births						Low Weight Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	20,515	8,293	12,222	22.7	12.4	52.2	6,355	3,713	2,642	7.0	5.6	11.3	607	0.7
District 1	199	187	12	17.2	16.4	60.0	68	65	3	5.9	5.7	15.0	22	1.9
Lee	60	60		17.5	17.6	0.0	23	23		6.7	6.7	0.0	8	2.3
Scott	36	35	1	14.2	13.9	33.3	14	13	1	5.5	5.2	33.3	5	2.0
Wise	89	84	5	17.5	16.8	55.6	28	28		5.5	5.6	0.0	7	1.4
Norton	14	8	6	25.9	17.0	85.7	3	1	2	5.6	2.1	28.6	2	3.7
District 2	230	220	10	15.7	15.3	40.0	122	121	1	8.3	8.4	4.0	15	1.0
Buchanan	57	57		15.7	15.7	0.0	34	34		9.3	9.4	0.0	4	1.1
Dickenson	19	19		9.6	9.7	0.0	12	12		6.1	6.2	0.0	3	1.5
Russell	55	53	2	16.2	15.7	66.7	30	30		8.8	8.9	0.0	3	0.9
Tazewell	99	91	8	17.5	16.6	44.4	46	45	1	8.1	8.2	5.6	5	0.9
District 3	303	273	30	15.3	14.3	45.5	119	113	6	6.0	5.9	9.1	26	1.3
Bland	9	9		13.2	13.2		2	2		2.9	2.9			0.0
Carroll	28	26	2	10.2	9.6	66.7	16	16		5.8	5.9	0.0	1	0.4
Grayson	24	24		14.2	14.4	0.0	6	6		3.6	3.6	0.0		0.0
Smyth	58	54	4	15.6	14.9	44.4	28	28		7.5	7.7	0.0	8	2.2
Washington	47	46	1	9.5	9.5	11.1	28	27	1	5.7	5.6	11.1	6	1.2
Wythe	68	59	9	23.8	21.8	60.0	19	16	3	6.6	5.9	20.0	9	3.1
Bristol	44	38	6	21.3	19.9	37.5	13	11	2	6.3	5.8	12.5	2	1.0
Galax	25	17	8	23.6	18.1	66.7	7	7		6.6	7.4	0.0		0.0
District 4	265	225	40	16.8	15.3	37.4	102	92	10	6.5	6.3	9.3	9	0.6
Floyd	11	10	1	10.8	10.4	16.7	4	4		3.9	4.2	0.0		0.0
Giles	32	29	3	16.1	15.2	37.5	14	14		7.0	7.3	0.0	2	1.0
Montgomery	111	102	9	14.1	13.9	16.4	44	39	5	5.6	5.3	9.1	2	0.3
Pulaski	85	65	20	23.1	18.9	83.3	33	28	5	9.0	8.1	20.8	5	1.4
Radford	26	19	7	22.0	18.3	50.0	7	7		5.9	6.7	0.0		0.0
District 5	724	404	320	23.5	15.7	63.6	189	144	45	6.1	5.6	8.9	21	0.7
Alleghany	24	24		15.7	16.1	0.0	9	8	1	5.9	5.4	25.0	2	1.3
Botetourt	39	34	5	13.9	12.5	62.5	16	14		5.7	5.9	0.0	2	0.7
Craig	5	5		10.6	10.6		1	1		2.1	2.1			0.0
Roanoke	82	79	3	10.5	10.6	9.7	41	40	1	5.3	5.4	3.2	5	0.6
Clifton Forge	13	10	3	23.6	20.8	42.9	4	3	1	7.3	6.3	14.3		0.0
Covington	23	16	7	32.4	26.7	63.6	6	4	2	8.5	6.7	18.2	1	1.4
Roanoke City	497	203	294	34.7	20.1	69.3	101	63	38	7.1	6.3	9.0	10	0.7
Salem	41	33	8	15.8	13.7	44.4	11	9	2	4.2	3.7	11.1	1	0.4
District 6	449	383	66	17.1	15.3	48.9	160	148	12	6.1	5.9	8.9	36	1.4
Augusta	81	75	6	12.5	11.9	37.5	38	36	2	5.9	5.7	12.5	8	1.2
Bath	10	9	1	15.4	14.1	100.0	3	3		4.6	4.7	0.0		0.0
Highland	2	2		8.3	8.3		2	2		8.3	8.3			0.0
Rockbridge	42	36	6	20.4	18.5	54.5	12	8	4	5.8	4.1	36.4	2	1.0
Rockingham	99	96	3	12.9	12.6	30.0	51	51		6.6	6.7	0.0	11	1.4
Buena Vista	19	17	2	28.8	26.6	100.0	2	2		3.0	3.1	0.0		0.0
Harrisonburg	61	54	7	20.6	19.5	36.8	23	21	2	7.8	7.6	10.5	4	1.4
Lexington	6	3	3	14.6	8.1	75.0	4	4		9.8	10.8	0.0	1	2.4
Staunton	77	51	26	28.9	23.0	59.1	13	10	3	4.9	4.5	6.8	7	2.6
Waynesboro	52	40	12	20.8	18.0	42.9	12	11	1	4.8	5.0	3.6	3	1.2
District 7	456	402	54	21.8	20.2	56.8	127	112	15	6.1	5.6	15.8	14	0.7
Clarke	28	19	9	19.9	14.8	69.2	9	8	1	6.4	6.3	7.7	1	0.7
Frederick	108	105	3	18.7	18.4	37.5	30	28	2	5.2	4.9	25.0	4	0.7
Page	54	50	4	20.8	19.8	57.1	17	17		6.6	6.7	0.0	2	0.8
Shenandoah	70	68	2	18.6	18.4	28.6	14	12	2	3.7	3.3	28.6	4	1.1
Warren	93	78	15	23.6	21.0	65.2	32	26	6	8.1	7.0	26.1	1	0.3
Winchester	103	82	21	30.5	27.2	56.8	25	21	4	7.4	7.0	10.8	2	0.6
District 8	3,227	1,914	1,313	14.7	10.6	32.6	1,277	870	407	5.8	4.8	10.1	109	0.5
Arlington	543	326	217	21.3	16.5	37.9	152	95	57	6.0	4.8	9.9	17	0.7
Fairfax	1,330	810	520	11.5	8.5	25.4	649	457	192	5.6	4.8	9.4	44	0.4
Loudoun	168	103	65	10.7	8.1	39.5	71	60	11	5.1	4.7	9.6	7	0.5
Prince William	591	396	195	15.4	12.2	33.0	214	150	64	5.6	4.6	10.8	23	0.6
Alexandria	453	156	297	26.9	14.0	51.8	132	60	72	7.8	5.4	12.6	15	0.9
Fairfax City	42	33	9	14.7	13.4	23.7	19	15	4	6.7	6.1	10.5	2	0.7
Falls Church	13	12	1	10.5	10.6	9.1	9	8	1	7.3	7.1	9.1		0.0
Manassas	80	53	27	17.2	13.6	35.5	22	16	6	4.7	4.1	7.9	1	0.2
Manassas Park	27	25	2	19.4	18.8	33.3	9	9		6.5	6.8	0.0		0.0
District 9	327	185	142	20.8	14.1	54.0	100	70	30	6.4	5.3	11.4	14	0.9
Culpeper	105	57	48	27.5	19.8	51.1	31	16	15	8.1	5.6	16.0	6	1.6
Fauquier	115	68	47	16.8	11.4	54.0	37	29	8	5.4	4.8	9.2	5	0.7
Madison	31	15	16	20.8	12.4	57.1	7	5	2	4.7	3.1	7.1	1	0.7
Orange	64	35	29	22.9	15.2	59.2	16	12	4	5.7	5.2	8.2	2	0.7
Rappahannock	12	10	2	15.8	14.1	40.0	9	8	1	11.8	11.3	20.0		0.0
District 10	542	254	288	24.1	14.4	62.5	148	97	51	6.6	5.5	11.1	26	1.2
Albemarle	136	95	41	15.5	12.2	42.7	45	36	9	5.1	4.6	9.4	10	1.1
Fluvanna	48	15	33	30.0	13.0	73.3	7	3	4	4.4	2.6	8.9	1	0.6
Greene	36	28	8	24.3	20.1	88.9	7	7		4.7	5.0	0.0	1	0.7
Louisa	77	36	41	27.0	17.3	53.2	25	14	11	8.8	6.7	14.1	4	1.4
Nelson	34	17	17	21.5	13.4	54.8	15	11	4	9.5	8.7	12.9		0.0
Charlottesville	211	63	148	35.1	15.8	72.9	49	26	23	8.2	6.5	11.3	10	1.7
District 11	651	226	425	24.2	11.2	62.8	198	121	77	7.4	6.0	11.4	22	0.8
Amherst	65	28	37	18.7	10.1	52.1	24	17	7	6.9	6.1	9.9	1	0.3
Appomattox	29	5	24	19.2	4.8	52.2	13	6	7	8.6	5.7	15.2		0.0
Bedford	65	41	24	11.6	8.1	42.9	44	40	4	7.8	7.9	7.1	5	0.9
Campbell	124	54	70	20.5	11.0	59.8	37	25	12	6.1	5.1	10.3	4	0.7
Bedford City	30	10	20	46.2	27.8	69.0	2		2	3.1	0.0	6.9	1	1.5
Lynchburg	338	88	250	35.3	14.7	69.8	78	33	45	8.1	5.5	12.6	11	1.1

(continued)

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, LOW WEIGHT BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Illegitimate Live Births						Low Weight Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	20,515	8,293	12,222	22.7	12.4	52.2	6,355	3,713	2,642	7.0	5.6	11.3	607	0.7
District 12	845	271	574	27.6	13.5	54.7	225	120	105	7.4	6.0	10.0	10	0.3
Franklin	92	53	39	20.1	13.9	51.3	28	22	6	6.1	5.8	7.9	4	0.9
Henry	204	95	109	26.2	16.9	50.7	58	35	23	7.5	6.2	10.7	3	0.4
Patrick	32	24	8	16.3	13.6	40.0	10	9	1	5.1	5.1	5.0		0.0
Pittsylvania	190	45	145	24.3	9.0	51.8	59	34	25	7.6	6.8	8.9	2	0.3
Danville	235	33	202	39.7	12.6	61.2	54	15	39	9.1	5.7	11.8	1	0.2
Martinsville	92	21	71	36.4	16.9	55.0	16	5	11	6.3	4.0	8.5		0.0
District 13	322	37	285	31.6	7.2	56.8	77	24	53	7.6	4.7	10.6	16	1.6
Brunswick	84	2	82	41.8	2.6	56.1	20	1	19	10.0	1.3	15.3	1	0.5
Halifax	101	19	82	27.2	9.1	50.6	19	8	11	5.1	3.8	6.8	9	2.4
Mecklenburg	106	12	94	29.4	6.3	55.0	30	13	17	8.3	6.9	9.9	4	1.1
South Boston	31	4	27	36.0	9.8	60.0	8	2	6	9.3	4.9	13.3	2	2.3
District 14	387	79	308	36.2	14.2	60.3	103	30	73	9.6	5.4	14.3	9	0.8
Amelia	24	6	18	24.7	9.0	60.0	9	7	2	9.3	10.4	6.7		0.0
Buckingham	67	14	53	39.4	16.3	63.1	17	3	14	10.0	3.5	16.7	1	0.6
Charlotte	55	12	43	34.2	13.8	58.1	12	4	8	7.5	4.6	10.8	4	2.5
Cumberland	42	8	34	40.4	14.0	72.3	14	4	10	13.5	7.0	21.3	1	1.0
Lunenburg	41	7	34	27.5	8.1	54.0	10	4	6	6.7	4.7	9.5	1	0.7
Nottoway	58	15	43	36.0	17.2	58.1	14	3	11	8.7	3.4	14.9	1	0.6
Prince Edward	100	17	83	44.1	19.3	59.7	27	5	22	11.9	5.7	15.8	1	0.4
District 15	2,853	691	2,162	26.1	9.6	58.0	822	394	428	7.5	5.5	11.5	51	0.5
Charles City Co.	38	2	36	42.2	8.0	55.4	9	1	8	10.0	4.0	12.3		0.0
Chesterfield	336	220	116	10.9	8.2	29.9	167	138	29	5.4	5.1	7.5	18	0.6
Goochland	25	8	17	13.0	5.1	47.2	14	9	5	7.3	5.7	13.9		0.0
Hanover	102	44	58	12.5	6.2	53.2	47	35	12	5.8	5.0	11.0	1	0.1
Henrico	470	209	261	16.0	9.3	37.9	203	131	72	6.9	5.8	10.4	4	0.1
New Kent	24	11	13	16.3	9.1	50.0	10	6	4	6.8	5.0	15.4	1	0.7
Powhatan	21	11	10	12.1	7.2	45.5	9	7	2	5.2	4.6	9.1	3	1.7
Richmond City	1,837	186	1,651	52.2	16.5	69.0	363	67	296	10.3	6.0	12.4	24	0.7
District 16	496	269	227	21.6	14.4	53.5	158	98	60	6.9	5.2	14.2	1	0.0
Caroline	103	24	79	36.1	14.5	65.8	27	13	14	9.5	7.9	11.7		0.0
King George	49	24	25	23.8	15.4	50.0	13	5	8	6.3	3.2	16.0		0.0
Spotsylvania	118	76	42	16.5	12.4	42.4	46	31	15	6.5	5.0	15.2		0.0
Stafford	141	110	31	18.1	15.4	48.4	48	38	10	6.2	5.3	15.6	1	0.1
Fredericksburg	85	35	50	27.1	15.7	54.9	24	11	13	7.6	4.9	14.3		0.0
District 17	184	25	159	35.2	9.1	64.1	37	15	22	7.1	5.5	8.9	5	1.0
Lancaster	44	5	39	35.2	8.9	56.5	8	3	5	6.4	5.4	7.2	1	0.8
Northumberland	36	5	31	30.5	7.9	56.4	12	2	10	10.2	3.2	18.2	3	2.5
Richmond	26	6	20	31.7	11.1	71.4	6	4	2	7.3	7.4	7.1	1	1.2
Westmoreland	78	9	69	39.4	8.8	71.9	11	6	5	5.6	5.9	5.2		0.0
District 18	215	78	137	21.4	10.3	55.2	67	37	30	6.7	4.9	12.1	7	0.7
Essex	50	10	40	45.0	19.2	67.8	6	1	5	5.4	1.9	8.5	1	0.9
Gloucester	71	42	29	15.6	10.6	48.3	24	18	6	5.3	4.5	10.0	3	0.7
King and Queen	32	7	25	35.2	14.3	59.5	7	3	4	7.7	6.1	9.5		0.0
King William	33	9	24	20.6	8.0	51.1	18	10	8	11.3	8.8	17.0	1	0.6
Mathews	12	5	7	12.8	6.3	46.7	4	3	1	4.3	3.8	6.7	2	2.1
Middlesex	17	5	12	18.1	7.2	48.0	8	2	6	8.5	2.9	24.0		0.0
District 19	971	185	786	40.9	15.9	65.1	245	77	168	10.3	6.6	13.9	13	0.5
Dinwiddie	79	25	54	32.0	15.7	61.4	26	13	13	10.5	8.2	14.8	2	0.8
Greensville	76	7	69	43.2	10.1	64.5	6	1	5	3.4	1.4	4.7	1	0.6
Prince George	70	19	51	21.3	8.6	47.2	28	14	14	8.5	6.4	13.0	1	0.3
Surry	34	4	30	33.3	9.3	50.8	6	1	5	5.9	2.3	8.5	2	2.0
Sussex	80	9	71	46.5	14.5	64.5	21	4	17	12.2	6.5	15.5	1	0.6
Colonial Heights	48	31	17	24.0	17.3	81.0	17	13	4	8.5	7.3	19.0		0.0
Emporia	42	3	39	54.5	12.5	73.6	7	2	5	9.1	8.3	9.4		0.0
Hopewell	154	57	97	39.7	23.1	68.8	38	20	18	9.8	8.1	12.8	3	0.8
Petersburg	388	30	358	56.7	18.4	68.7	96	9	87	14.0	5.5	16.7	3	0.4
District 20	4,884	1,488	3,396	26.5	12.3	53.4	1,460	700	760	7.9	5.8	12.0	96	0.5
Isle of Wight	97	18	79	25.7	7.4	58.5	26	14	12	6.9	5.8	8.9	3	0.8
Southampton	69	8	61	33.2	8.3	54.5	22	6	16	10.6	6.3	14.3	1	0.5
Chesapeake	612	194	418	24.7	11.5	52.7	173	84	89	7.0	5.0	11.2	10	0.4
Franklin City	55	4	51	37.9	6.3	62.2	13	4	9	9.0	6.3	11.0	2	1.4
Norfolk	1,958	486	1,472	35.0	15.9	58.1	501	180	321	8.9	5.9	12.7	25	0.4
Portsmouth	791	140	651	40.1	15.1	62.3	185	56	129	9.4	6.0	12.3	9	0.5
Suffolk	312	41	271	19.0	10.7	65.0	73	24	49	9.1	6.3	11.8	4	0.5
Virginia Beach	990	597	393	14.5	10.7	31.6	467	332	135	6.8	5.9	10.9	42	0.6
District 21	1,693	446	1,247	26.0	10.9	51.1	484	241	243	7.4	5.9	10.0	67	1.0
James City Co.	60	16	44	17.4	6.0	55.7	18	11	7	5.2	4.2	8.9	1	0.3
York	56	20	36	17.3	7.7	57.1	25	16	9	7.7	6.1	14.3	3	0.9
Hampton	545	161	384	23.7	11.4	43.3	161	75	86	7.0	5.3	9.7	42	1.8
Newport News	921	206	715	29.0	11.1	54.6	250	120	130	7.9	6.4	9.9	20	0.6
Poquoson	8	8		6.6	6.8	0.0	5	5		4.1	4.2	0.0		0.0
Williamsburg	103	35	68	40.6	22.7	68.0	25	14	11	9.8	9.1	11.0	1	0.4
District 22	292	51	241	46.9	17.2	73.7	67	24	43	10.8	8.1	13.1	18	2.9
Accomack	198	34	164	45.0	15.7	73.2	46	16	30	10.5	7.4	13.4	10	2.3
Northampton	94	17	77	51.4	21.5	74.8	21	8	13	11.5	10.0	12.6	8	4.4

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,42º	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 1	Total	1,159	2	240	433	297	137	35	15		
	White	1,139	2	236	424	293	135	35	14		
	Nonwhite	20		4	9	4	2		1		
Lee	Total	342		80	133	79	34	9	7		
	White	341		80	133	79	34	9	6		
	Nonwhite	1							1		
Scott	Total	254	1	52	94	66	35	5	1		
	White	251	1	52	92	65	35	5	1		
	Nonwhite	3			2	1					
Wise	Total	509	1	98	192	132	60	20	6		
	White	500	1	97	187	130	59	20	6		
	Nonwhite	9		1	5	2	1				
Norton	Total	54		10	14	20	8	1	1		
	White	47		7	12	19	7	1	1		
	Nonwhite	7		3	2	1	1				
District 2	Total	1,467	6	263	509	403	224	55	7		
	White	1,442	6	261	499	402	217	51	6		
	Nonwhite	25		2	10	1	7	4	1		
Buchanan	Total	364	1	78	103	112	50	18	2		
	White	362	1	78	103	112	49	17	2		
	Nonwhite	2					1	1			
Dickenson	Total	197	1	38	77	47	26	8			
	White	195	1	38	77	47	25	7			
	Nonwhite	2					1	1			
Russell	Total	340	2	59	127	96	41	14	1		
	White	337	2	59	125	96	41	14			
	Nonwhite	3			2				1		
Tazewell	Total	566	2	88	202	148	107	15	4		
	White	548	2	86	194	147	102	13	4		
	Nonwhite	18		2	8	1	5	2			
District 3	Total	1,975	1	332	662	573	306	86	10	3	
	White	1,909	1	318	644	552	296	84	9	3	
	Nonwhite	66		14	18	21	10	2	1		
Bland	Total	68		9	19	28	5	7			
	White	68		9	19	28	5	7			
	Nonwhite										
Carroll	Total	274		42	96	80	43	11	1	1	
	White	271		40	96	79	43	11	1	1	
	Nonwhite	3		2		1					
Grayson	Total	169		30	60	44	27	6	2		
	White	167		30	60	43	26	6	2		
	Nonwhite	2				1	1				
Smyth	Total	371	3	60	129	102	60	13	3	1	
	White	367	3	60	124	101	58	13	2	1	
	Nonwhite	9			5	1	2		1		
Washington	Total	494		72	157	156	84	24	1		
	White	485		71	156	152	82	23	1		
	Nonwhite	9		1	1	4	2	1			
Wythe	Total	286		53	103	75	41	13	1		
	White	271		50	96	71	40	13	1		
	Nonwhite	15		3	7	4	1				
Bristol	Total	207		46	60	61	28	10	1	1	
	White	191		41	59	56	24	9	1	1	
	Nonwhite	16		5	1	5	4	1			
Galax	Total	106		20	38	27	18	2	1		
	White	94		17	34	22	18	2	1		
	Nonwhite	12		3	4	5					
District 4	Total	1,574	3	201	496	471	303	84	14	2	
	White	1,467	2	183	468	441	280	79	12	2	
	Nonwhite	107	1	18	28	30	23	5	2		
Floyd	Total	102		11	33	31	21	6			
	White	96		11	31	30	18	6			
	Nonwhite	6			2	1	3				
Giles	Total	199		33	70	57	26	9	4		
	White	191		30	67	57	25	9	3		
	Nonwhite	8		3	3		1		1		
Montgomery	Total	787		75	233	249	170	52	7	1	
	White	732		70	222	226	160	47	6	1	
	Nonwhite	55		5	11	23	10	5	1		
Pulaski	Total	368	3	72	122	88	64	16	2	1	
	White	344	2	64	115	86	58	16	2	1	
	Nonwhite	24	1	8	7	2	6				
Radford	Total	118		10	38	46	22	1	1		
	White	104		8	33	42	19	1	1		
	Nonwhite	14		2	5	4	3				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother							
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 5	Total	3,075	11	379	893	973	626	173	20		
	White	2,572	3	256	724	850	568	155	16		
	Nonwhite	503	8	123	169	123	58	18	4		
Alleghany	Total	153		19	47	53	29	4	1		
	White	149		19	46	52	29	2	1		
	Nonwhite	4			1	1		2			
Botetourt	Total	280		22	68	101	60	28	1		
	White	272		22	64	98	59	28	1		
	Nonwhite	8			4	3	1				
Craig	Total	47		6	14	16	9	2			
	White	47		6	14	16	9	2			
	Nonwhite										
Roanoke	Total	778		50	191	264	212	57	4		
	White	747		49	186	254	201	54	3		
	Nonwhite	31		1	5	10	11	3	1		
Clifton Forge	Total	55		8	18	15	10	3	1		
	White	48		7	16	14	8	3			
	Nonwhite	7		1	2	1	2		1		
Covington	Total	71		10	24	27	9		1		
	White	60		8	22	22	7		1		
	Nonwhite	11		2	2	5	2				
Roanoke City	Total	1,432	11	240	447	412	254	61	7		
	White	1,008	3	126	297	312	214	49	7		
	Nonwhite	424	8	114	150	100	40	12			
Salem	Total	259		24	84	85	43	18	5		
	White	241		19	79	82	41	17	3		
	Nonwhite	18		5	5	3	2	1	2		
District 6	Total	2,631	8	327	766	816	542	149	22	1	
	White	2,496	8	304	710	784	528	140	21	1	
	Nonwhite	135		23	56	32	14	9	1		
Augusta	Total	647	1	69	195	213	131	30	8		
	White	631	1	66	187	210	129	30	8		
	Nonwhite	16		3	8	3	2				
Bath	Total	65	1	8	18	20	14	2	1	1	
	White	64	1	8	18	20	14	1	1	1	
	Nonwhite	1						1			
Highland	Total	24		3	6	10	4	1			
	White	24		3	6	10	4	1			
	Nonwhite										
Rockbridge	Total	206	1	23	61	62	43	16			
	White	195	1	21	58	59	41	15			
	Nonwhite	11		2	3	3	2	1			
Rockingham	Total	770	3	98	190	264	158	51	6		
	White	760	3	97	188	259	157	50	6		
	Nonwhite	10		1	2	5	1	1			
Buena Vista	Total	66		12	25	14	11	4			
	White	64		12	23	14	11	4			
	Nonwhite	2			2						
Harrisonburg	Total	296	1	34	90	92	67	10	2		
	White	277	1	34	82	85	65	8	2		
	Nonwhite	19			8	7	2	2			
Lexington	Total	41		7	4	14	11	3	2		
	White	37		5	3	13	11	3	2		
	Nonwhite	4		2	1	1					
Staunton	Total	266	1	37	85	63	57	21	2		
	White	222	1	29	64	55	54	18	1		
	Nonwhite	44		8	21	8	3	3	1		
Waynesboro	Total	250		36	92	64	46	11	1		
	White	222		29	81	59	42	10	1		
	Nonwhite	28		7	11	5	4	1			
District 7	Total	2,087	1	300	680	635	350	106	15		
	White	1,992		282	655	602	337	102	14		
	Nonwhite	95	1	18	25	33	13	4	1		
Clarke	Total	141	1	21	28	46	38	7			
	White	128		18	26	41	36	7			
	Nonwhite	13	1	3	2	5	2				
Frederick	Total	579		78	171	181	110	34	5		
	White	571		76	169	177	110	34	5		
	Nonwhite	8		2	2	4					
Page	Total	259		43	88	83	29	15	1		
	White	252		42	84	82	29	14	1		
	Nonwhite	7		1	4	1		1			
Shenandoah	Total	376		54	127	113	61	19	2		
	White	369		53	127	110	58	19	2		
	Nonwhite	7		1		3	3				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother							
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 7 (continued)											
Warren	Total	394		56	130	124	63	18	3		
	White	371		51	121	118	61	17	3		
	Nonwhite	23		5	9	6	2	1			
Winchester	Total	338		48	136	88	49	13	4		
	White	301		42	128	74	43	11	3		
	Nonwhite	37		6	8	14	6	2	1		
District 8	Total	22,022	24	1,249	4,388	7,290	6,133	2,537	387	10	4
	White	17,990	7	855	3,411	5,951	5,222	2,190	344	7	3
	Nonwhite	4,032	17	394	977	1,339	911	347	43	3	1
Arlington	Total	2,553	4	156	518	729	714	364	67	1	
	White	1,980	1	106	368	529	606	307	63		
	Nonwhite	573	3	50	150	200	108	57	4	1	
Fairfax	Total	11,543	11	466	1,892	3,822	3,574	1,552	219	5	2
	White	9,493	2	324	1,458	3,135	3,036	1,340	194	3	1
	Nonwhite	2,050	9	142	434	687	538	212	25	2	1
Loudoun	Total	1,384	1	67	301	532	339	125	17	2	
	White	1,270		54	266	502	314	116	16	2	
	Nonwhite	114	1	13	35	30	25	9	1		
Prince William	Total	3,843	5	306	1,071	1,353	835	234	39		
	White	3,252	3	244	883	1,160	726	204	32		
	Nonwhite	591	2	62	188	193	109	30	7		
Alexandria	Total	1,685	2	158	367	506	436	181	32	1	2
	White	1,112	1	53	224	326	327	151	27	1	2
	Nonwhite	573	1	105	143	180	109	30	5		
Fairfax City	Total	285		26	53	94	76	30	6		
	White	247		19	47	81	68	27	5		
	Nonwhite	38		7	6	13	8	3	1		
Falls Church	Total	124	1	5	12	34	46	21	5		
	White	113		5	9	31	43	20	5		
	Nonwhite	11	1		3	3	3	1			
Manassas	Total	466		52	128	164	92	27	2	1	
	White	390		38	112	134	81	22	2	1	
	Nonwhite	76		14	16	30	11	5			
Manassas Park	Total	139		13	46	56	21	3			
	White	133		12	44	53	21	3			
	Nonwhite	6		1	2	3					
District 9	Total	1,572	5	156	487	480	315	111	17		1
	White	1,309		116	380	405	289	102	16		1
	Nonwhite	263	5	40	107	75	26	9	1		
Culpeper	Total	382	2	51	128	111	64	23	3		
	White	288		37	90	88	51	19	3		
	Nonwhite	94	2	14	38	23	13	4			
Fauquier	Total	686	1	61	189	208	164	53	10		
	White	599		44	156	184	155	50	10		
	Nonwhite	87	1	17	33	24	9	3			
Madison	Total	149	2	11	51	52	20	11	2		
	White	121		9	39	43	19	10	1		
	Nonwhite	28	2	2	12	9	1	1	1		
Orange	Total	279		29	90	87	57	13	2		1
	White	230		22	69	70	54	12	2		1
	Nonwhite	49		7	21	17	3	1			
Rappahannock	Total	76		4	29	22	10	11			
	White	71		4	26	20	10	11			
	Nonwhite	5			3	2					
District 10	Total	2,229	11	229	594	696	489	185	24	1	
	White	1,768	4	136	439	563	435	170	21		
	Nonwhite	461	7	93	155	133	54	15	3	1	
Albemarle	Total	877	3	51	207	280	233	94	9		
	White	781	2	39	179	243	218	91	9		
	Nonwhite	96	1	12	28	37	15	3			
Fluvanna	Total	160		15	61	50	23	8	3		
	White	115		8	41	39	19	6	2		
	Nonwhite	45		7	20	11	4	2	1		
Greene	Total	148		19	44	49	23	11	2		
	White	139		16	42	46	22	11	2		
	Nonwhite	9		3	2	3	1				
Louisa	Total	285	5	42	76	95	45	20	2		
	White	208	1	27	59	71	32	17	1		
	Nonwhite	77	4	15	17	24	13	3	1		
Nelson	Total	158		21	51	37	33	12	3	1	
	White	127		15	39	30	29	12	2		
	Nonwhite	31		6	12	7	4		1	1	
Charlottesville	Total	601	3	81	155	185	132	40	5		
	White	398	1	31	79	134	115	33	5		
	Nonwhite	203	2	50	76	51	17	7			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother							
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 11	Total	2,690	6	348	801	877	500	137	21		
	White	2,013	3	180	576	723	397	119	15		
	Nonwhite	677	3	168	225	154	103	18	6		
Amherst	Total	348		33	117	119	58	15	6		
	White	277		22	93	97	47	14	4		
	Nonwhite	71		11	24	22	11	1	2		
Appomattox	Total	151		24	59	48	15	5			
	White	105		11	38	38	13	5			
	Nonwhite	46		13	21	10	2				
Bedford	Total	562		47	157	226	102	27	3		
	White	506		36	143	204	94	26	3		
	Nonwhite	56		11	14	22	8	1			
Campbell	Total	606	1	88	169	208	109	25	6		
	White	489		58	140	182	86	19	4		
	Nonwhite	117	1	30	29	26	23	6	2		
Bedford City	Total	65	1	11	21	17	9	6			
	White	36	1	5	10	9	3	6			
	Nonwhite	29		6	11	8	4				
Lynchburg	Total	958	4	145	278	259	207	59	6		
	White	600	2	48	152	193	152	49	4		
	Nonwhite	358	2	97	126	66	55	10	2		
District 12	Total	3,057	19	463	1,003	911	523	122	15	1	
	White	2,007	7	243	633	644	389	81	9	1	
	Nonwhite	1,050	12	220	370	267	134	41	6		
Franklin	Total	457	1	60	151	136	88	19	2		
	White	381		41	122	120	80	17	1		
	Nonwhite	76	1	19	29	16	8	2	1		
Henry	Total	778	9	114	285	211	124	31	3	1	
	White	563	6	68	197	171	95	23	2	1	
	Nonwhite	215	3	46	88	40	29	8	1		
Patrick	Total	196		31	73	62	27	3			
	White	176		28	63	58	24	3			
	Nonwhite	20		3	10	4	3				
Pittsylvania	Total	781	2	112	252	232	140	36	7		
	White	501		57	157	158	104	20	5		
	Nonwhite	280	2	55	95	74	36	16	2		
Danville	Total	592	3	105	171	184	101	26	2		
	White	262		31	67	96	55	12	1		
	Nonwhite	330	3	74	104	88	46	14	1		
Martinsville	Total	253	4	41	71	86	43	7	1		
	White	124	1	18	27	41	31	6			
	Nonwhite	129	3	23	44	45	12	1	1		
District 13	Total	1,018		152	347	286	176	47	9	1	
	White	516		46	177	167	94	28	4		
	Nonwhite	502		106	170	119	82	19	5	1	
Brunswick	Total	201		33	64	57	36	10	1		
	White	77		6	24	28	15	4			
	Nonwhite	124		27	40	29	21	6	1		
Halifax	Total	371		57	121	107	65	16	4	1	
	White	209		22	68	72	34	12	1		
	Nonwhite	162		35	53	35	31	4	3	1	
Mecklenburg	Total	360		56	128	100	56	16	4		
	White	189		17	72	57	32	8	3		
	Nonwhite	171		39	56	43	24	8	1		
South Boston	Total	86		6	34	22	19	5			
	White	41		1	13	10	13	4			
	Nonwhite	45		5	21	12	6	1			
District 14	Total	1,069	1	158	360	289	185	64	12		
	White	558		63	157	183	121	26	8		
	Nonwhite	511	1	95	203	106	64	38	4		
Amelia	Total	97		10	30	32	20	4	1		
	White	67		6	17	28	12	3	1		
	Nonwhite	30		4	13	4	8	1			
Buckingham	Total	170		31	57	43	26	11	2		
	White	86		12	26	25	16	6	1		
	Nonwhite	84		19	31	18	10	5	1		
Charlotte	Total	161		26	50	47	25	9	4		
	White	87		10	24	29	17	5	2		
	Nonwhite	74		16	26	18	8	4	2		
Cumberland	Total	104		15	37	25	22	5			
	White	57		7	17	18	14	1			
	Nonwhite	47		8	20	7	8	4			
Lunenburg	Total	149		21	56	38	26	8			
	White	86		13	24	23	24	2			
	Nonwhite	63		8	32	15	2	6			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 14 (continued)											
Nottoway	Total	161		23	61	44	23	8	2		
	White	87		8	29	30	15	3	2		
	Nonwhite	74		15	32	14	8	5			
Prince Edward	Total	227	1	32	69	60	43	19	3		
	White	88		7	20	30	23	6	2		
	Nonwhite	139	1	25	49	30	20	13	1		
District 15	Total	10,939	32	1,101	2,696	3,481	2,737	811	78	2	1
	White	7,212	1	446	1,490	2,478	2,111	624	59	2	1
	Nonwhite	3,727	31	655	1,206	1,003	626	187	19		
Charles City Co.	Total	90	2	12	36	20	15	5			
	White	25			13	4	6	2			
	Nonwhite	65	2	12	23	16	9	3			
Chesterfield	Total	3,074	3	176	619	1,106	899	249	22		
	White	2,686		155	535	966	793	218	19		
	Nonwhite	388	3	21	84	140	106	31	3		
Goochland	Total	193	1	12	37	70	54	17	2		
	White	157		8	27	60	46	14	2		
	Nonwhite	36	1	4	10	10	8	3			
Hanover	Total	814		61	165	308	211	64	3	1	1
	White	705		42	129	280	188	62	2	1	1
	Nonwhite	109		19	36	28	23	2	1		
Henrico	Total	2,929	3	215	691	966	809	223	22		
	White	2,240		134	484	763	664	178	17		
	Nonwhite	689	3	81	207	203	145	45	5		
New Kent	Total	147		14	39	40	44	10			
	White	121		13	27	31	41	9			
	Nonwhite	26		1	12	9	3	1			
Powhatan	Total	174	1	10	51	50	45	14	2	1	
	White	152	1	8	44	46	39	11	2	1	
	Nonwhite	22		2	7	4	6	3			
Richmond City	Total	3,518	22	601	1,058	921	660	229	27		
	White	1,126		86	231	328	334	130	17		
	Nonwhite	2,392	22	515	827	593	326	99	10		
District 16	Total	2,295	1	278	732	764	374	132	13	1	
	White	1,871	1	205	573	647	320	114	10	1	
	Nonwhite	424		73	159	117	54	18	3		
Caroline	Total	285		52	101	85	30	15	2		
	White	165		25	54	61	16	9			
	Nonwhite	120		27	47	24	14	6	2		
King George	Total	206		19	72	71	35	9			
	White	156		14	56	52	27	7			
	Nonwhite	50		5	16	19	8	2			
Spotsylvania	Total	713	1	77	212	242	130	45	5	1	
	White	614	1	60	174	214	121	39	4	1	
	Nonwhite	99		17	38	28	9	6	1		
Stafford	Total	777		80	229	280	136	49	3		
	White	713		69	210	258	126	47	3		
	Nonwhite	64		11	19	22	10	2			
Fredericksburg	Total	314		50	118	86	43	14	3		
	White	223		37	79	62	30	12	3		
	Nonwhite	91		13	39	24	13	2			
District 17	Total	523	1	76	168	139	92	40	7		
	White	275		25	75	79	67	24	5		
	Nonwhite	248	1	51	93	60	25	16	2		
Lancaster	Total	125		18	43	32	20	10	2		
	White	56		5	16	17	12	5	1		
	Nonwhite	69		13	27	15	8	5	1		
Northumberland	Total	118	1	16	35	34	21	9	2		
	White	63		6	12	20	16	7	2		
	Nonwhite	55	1	10	23	14	5	2			
Richmond	Total	82		13	19	28	14	7	1		
	White	54		4	12	20	12	5	1		
	Nonwhite	28		9	7	8	2	2			
Westmoreland	Total	198		29	71	45	37	14	2		
	White	102		10	35	22	27	7	1		
	Nonwhite	96		19	36	23	10	7	1		
District 18	Total	1,006	3	89	334	317	196	54	12	1	
	White	758	2	54	243	252	155	43	9		
	Nonwhite	248	1	35	91	65	41	11	3	1	
Essex	Total	111		15	40	27	23	6			
	White	52		4	17	15	13	3			
	Nonwhite	59		11	23	12	10	3			
Gloucester	Total	456	2	35	152	147	92	21	7		
	White	396	2	31	129	128	83	17	6		
	Nonwhite	60		4	23	19	9	4	1		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 18 (continued)											
King and Queen	Total	91	1	10	35	26	13	5	1		
	White	49		3	19	17	7	2	1		
	Nonwhite	42	1	7	16	9	6	3			
King William	Total	160		9	42	52	45	10	2		
	White	113		3	28	40	33	9			
	Nonwhite	47		6	14	12	12	1	2		
Mathews	Total	94		10	30	32	14	6	2		
	White	79		8	25	26	12	6	2		
	Nonwhite	15		2	5	6	2				
Middlesex	Total	94		10	35	33	9	6		1	
	White	69		5	23	26	7	6			
	Nonwhite	25		5	10	7	2			1	
District 19	Total	2,374	11	409	843	634	366	93	18		
	White	1,166	1	134	359	393	217	54	8		
	Nonwhite	1,208	10	275	484	241	149	39	10		
Dinwiddie	Total	247		22	99	75	37	10	4		
	White	159		15	56	60	22	5	1		
	Nonwhite	88		7	43	15	15	5	3		
Greensville	Total	176	2	42	56	44	23	7	2		
	White	69		9	14	27	15	4			
	Nonwhite	107	2	33	42	17	8	3	2		
Prince George	Total	328	2	32	94	116	65	15	4		
	White	220	1	12	58	87	48	11	3		
	Nonwhite	108	1	20	36	29	17	4	1		
Surry	Total	102		10	42	24	18	6	2		
	White	43		2	17	11	9	4			
	Nonwhite	59		8	25	13	9	2	2		
Sussex	Total	172		32	67	39	27	7			
	White	62		5	18	20	14	5			
	Nonwhite	110		27	49	19	13	2			
Colonial Heights	Total	200		26	51	67	47	7	2		
	White	179		22	45	59	44	7	2		
	Nonwhite	21		4	6	8	3				
Emporia	Total	77	1	20	30	15	10	1			
	White	24		2	8	10	4				
	Nonwhite	53	1	18	22	5	6	1			
Hopewell	Total	388	1	65	150	106	53	12	1		
	White	247		39	91	77	32	7			
	Nonwhite	141	1	26	59	29	21	4	1		
Petersburg	Total	684	5	160	254	148	86	28	3		
	White	163		28	52	42	29	10	2		
	Nonwhite	521	5	132	202	106	57	18	1		
District 20	Total	18,412	45	2,432	6,367	5,587	3,022	854	100	2	3
	White	12,053	7	1,150	3,978	4,031	2,197	622	65		3
	Nonwhite	6,359	38	1,282	2,389	1,556	825	232	35	2	
Isle of Wight	Total	378	1	47	113	147	53	16	1		
	White	243		20	65	106	41	10	1		
	Nonwhite	135	1	27	48	41	12	6			
Southampton	Total	208		24	68	73	40	3			
	White	96		8	23	39	24	2			
	Nonwhite	112		16	45	34	16	1			
Chesapeake	Total	2,478	7	300	763	809	458	125	16		
	White	1,685	1	145	477	614	343	95	10		
	Nonwhite	793	6	155	286	195	115	30	6		
Franklin City	Total	145		32	41	40	29	3			
	White	63		6	15	27	13	2			
	Nonwhite	82		26	26	13	16	1			
Norfolk	Total	5,598	21	945	2,236	1,437	734	194	31		
	White	3,065	3	394	1,211	858	451	128	20		
	Nonwhite	2,533	18	551	1,025	579	283	66	11		
Portsmouth	Total	1,973	6	376	710	508	280	79	12	1	1
	White	928	1	113	334	278	147	46	8		1
	Nonwhite	1,045	5	263	376	230	133	33	4	1	
Suffolk	Total	800	5	123	286	249	103	28	6		
	White	383		33	123	141	64	19	3		
	Nonwhite	417	5	90	163	108	39	9	3		
Virginia Beach	Total	6,832	5	585	2,150	2,324	1,325	406	34	1	2
	White	5,590	2	431	1,730	1,968	1,114	320	23		2
	Nonwhite	1,242	3	154	420	356	211	86	11	1	
District 21	Total	6,517	23	748	2,234	2,087	1,042	327	55	1	
	White	4,076	6	337	1,360	1,403	718	223	31	1	
	Nonwhite	2,441	17	411	874	687	324	104	24		
James City Co.	Total	344		22	86	122	74	33	7		
	White	265		8	56	100	67	29	5		
	Nonwhite	79		14	30	22	7	4	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
	White	66,885	63	5,864	18,060	21,936	15,148	5,090	698	18	8
	Nonwhite	23,429	157	4,188	7,951	6,224	3,581	1,144	175	8	1
District 21 (continued)											
York	Total	324	3	21	64	108	89	31	8		
	White	261	1	14	42	93	77	27	7		
	Nonwhite	63	2	7	22	15	12	4	1		
Hampton	Total	2,301	6	245	764	767	384	118	17		
	White	1,415	2	120	481	505	231	72	4		
	Nonwhite	886	4	125	283	262	153	46	13		
Newport News	Total	3,173	12	411	1,183	989	436	125	16	1	
	White	1,863	2	169	689	626	289	78	9	1	
	Nonwhite	1,310	10	242	494	363	147	47	7		
Poquoson	Total	121	1	11	34	29	29	11	6		
	White	118	1	11	33	29	28	11	5		
	Nonwhite	3			1		1		1		
Williamsburg	Total	254	1	38	103	72	30	9	1		
	White	154		15	59	47	26	6	1		
	Nonwhite	100	1	23	44	25	4	3			
District 22	Total	623	4	122	218	154	91	32	2		
	White	296		34	85	56	55	24	2		
	Nonwhite	327	4	88	133	58	36	8			
Accomack	Total	440	4	93	159	101	62	19	2		
	White	216		32	64	66	38	14	2		
	Nonwhite	224	4	61	95	35	24	5			
Northampton	Total	183		29	59	53	29	13			
	White	80		2	21	30	17	10			
	Nonwhite	103		27	38	23	12	3			

TABLE 10
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY BIRTH WEIGHT
VIRGINIA, 1987

Birth Weight	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unk.
TOTAL	90,314	40,399	30,932	12,788	4,049	1,284	449	187	76	37	31	82
Low Weight	6,355	2,959	1,942	915	344	111	48	17	5	4	1	9
500 grams or less	163	65	53	26	13		3	1				2
501-1500 grams	984	482	283	145	54	16	4					
1501-2500 grams	5,208	2,412	1,606	744	277	95	41	16	5	4	1	7
Full-Weight	83,903	37,425	28,973	11,866	3,699	1,170	400	170	71	33	30	66
2501-3500 grams	47,381	22,289	15,640	6,413	2,031	622	209	89	31	16	8	33
3501-4500 grams	34,769	14,530	12,675	5,135	1,555	522	173	73	38	15	20	33
4501 grams and over	1,753	606	658	318	113	26	18	8	2	2	2	
Unknown	56	15	17	7	6	3	1					7

TABLE 11
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY RACE AND AGE OF MOTHER
VIRGINIA, 1987

Age of Mother	Total	Birth Weight (in grams)													
		500 or Less	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	Total Low Weight	2,501-3,000	3,001-3,500	3,501-4,000	4,001-4,500	4,501-5,000	Over 5,000	Total Full Weight	Unknown
TOTAL	90,314	163	422	562	1,209	3,999	6,355	14,493	32,888	26,328	8,441	1,582	171	83,903	56
Under 15	220	2	2	5	6	18	33	67	79	30	10			186	1
15-19	10,052	22	66	103	199	623	1,013	2,126	3,906	2,336	566	89	8	9,031	8
20-24	26,011	56	140	167	360	1,222	1,945	4,570	9,800	7,104	2,172	362	44	24,052	14
25-29	28,160	43	112	137	330	1,111	1,733	4,194	10,281	8,582	2,782	528	48	26,415	12
30-34	18,729	35	72	111	218	754	1,190	2,519	6,429	6,015	2,092	419	50	17,524	15
35-39	6,234	5	24	32	86	244	391	880	2,114	1,956	713	157	17	5,837	6
40-44	873		6	7	10	27	50	132	268	292	102	25	4	823	
45 and over	26							3	9	9	3	2		26	
Unknown	9							2	2	4	1			9	
WHITE	66,885	71	235	323	695	2,389	3,713	9,151	23,773	21,385	7,283	1,400	141	63,133	39
Under 15	63					2	2	18	25	12	6			61	
15-19	5,864	7	31	56	78	288	460	1,047	2,217	1,607	452	71	7	5,401	3
20-24	18,060	19	73	84	198	696	1,070	2,676	6,652	5,500	1,799	319	35	16,981	9
25-29	21,936	21	62	92	205	719	1,099	2,860	7,845	7,181	2,438	470	34	20,828	9
30-34	15,148	21	47	66	145	504	783	1,798	5,158	5,124	1,847	380	46	14,353	12
35-39	5,090	3	17	20	62	163	265	651	1,671	1,700	648	134	15	4,819	6
40-44	698		5	5	7	17	34	96	197	252	91	24	4	664	
45 and over	18							3	7	5	1	2		18	
Unknown	8							2	1	4	1			8	
NONWHITE	23,429	92	187	239	514	1,610	2,642	5,342	9,115	4,943	1,158	182	30	20,770	17
Under 15	157	2	2	5	6	16	31	49	54	18	4			125	1
15-19	4,188	15	35	47	121	335	553	1,079	1,689	729	114	18	1	3,630	5
20-24	7,951	37	67	83	162	526	875	1,894	3,148	1,604	373	43	9	7,071	5
25-29	6,224	22	50	45	125	392	634	1,334	2,436	1,401	344	58	14	5,587	3
30-34	3,581	14	25	45	73	250	407	721	1,271	891	245	39	4	3,171	3
35-39	1,144	2	7	12	24	81	126	229	443	256	65	23	2	1,018	
40-44	175		1	2	3	10	16	36	71	40	11	1		159	
45 and over	8								2	4	2			8	
Unknown	1								1					1	

TABLE 12 - RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER, BY AGE AND RACE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	90,314	40,399	30,932	12,788	4,049	1,284	449	187	76	37	31	82
Under 15 years	220	208	12									
15-19 years	10,052	7,812	1,849	325	48	8						10
20-24 years	26,011	13,703	8,619	2,753	721	167	20	6	1			21
25-29 years	28,160	11,552	10,616	4,257	1,181	363	109	36	15	6	2	23
30-34 years	18,729	5,579	7,459	3,757	1,299	382	149	55	12	11	8	18
35-39 years	6,234	1,379	2,144	1,487	672	286	140	65	36	12	8	5
40-44 years	873	162	231	206	118	72	29	24	11	7	13	
45 years & over	26	3	1	3	9	6	1	1	1	1		
Unknown	9	1	1		1		1					5
WHITE - Total	66,885	30,688	23,237	9,031	2,641	765	273	104	41	23	15	67
Under 15 years	63	61	2									
15-19 years	5,864	4,858	894	91	14	2						5
20-24 years	18,060	10,201	5,910	1,545	316	60	8	2	1			17
25-29 years	21,936	9,540	8,306	3,038	758	199	56	13	5	2		19
30-34 years	15,148	4,704	6,133	2,980	942	245	86	31	3	5	3	16
35-39 years	5,090	1,179	1,808	1,207	509	203	101	42	23	9	4	5
40-44 years	698	141	183	168	94	53	20	16	9	6	8	
45 years & over	18	3	1	2	7	3	1			1		
Unknown	8	1			1		1					5
NONWHITE - Total	23,429	9,711	7,695	3,757	1,408	519	176	83	35	14	16	15
Under 15 years	157	147	10									
15-19 years	4,188	2,954	955	234	34	6						5
20-24 years	7,951	3,502	2,709	1,208	405	107	12	4				4
25-29 years	6,224	2,012	2,310	1,219	423	164	53	23	10	4	2	4
30-34 years	3,581	875	1,326	777	357	137	63	24	9	6	5	2
35-39 years	1,144	200	336	280	163	83	39	23	13	3	4	
40-44 years	175	21	48	38	24	19	9	8	2	1	5	
45 years & over	8			1	2	3		1	1			
Unknown	1		1									

TABLE 13 - PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER BY AGE AND RACE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	90,314	44.7	34.2	14.2	4.5	1.4	0.5	0.2	0.1	*	*	0.1
Under 15 years	220	94.5	5.5									
15-19 years	10,052	77.7	18.4	3.2	0.5	0.1						0.1
20-24 years	26,011	52.7	33.1	10.6	2.8	0.6	0.1	*	*			0.1
25-29 years	28,160	41.0	37.7	15.1	4.2	1.3	0.4	0.1	0.1	*	*	0.1
30-34 years	18,729	29.8	39.8	20.1	6.9	2.0	0.8	0.3	0.1	0.1	*	0.1
35-39 years	6,234	22.1	34.4	23.9	10.8	4.6	2.2	1.0	0.6	0.2	0.1	0.1
40-44 years	873	18.6	26.5	23.6	13.5	8.2	3.3	2.7	1.3	0.8	1.5	
45 years & over	26	11.5	3.8	11.5	34.6	23.1	3.8	3.8	3.8	3.8		
Unknown	9											
WHITE - Total	66,885	45.9	34.7	13.5	3.9	1.1	0.4	0.2	0.1	*	*	0.1
Under 15 years	63	96.8	3.2									
15-19 years	5,864	82.8	15.2	1.6	0.2	*						0.1
20-24 years	18,060	56.5	32.7	8.6	1.7	0.3	*	*	*			0.1
25-29 years	21,936	43.5	37.9	13.8	3.5	0.9	0.3	0.1	*	*		0.1
30-34 years	15,148	31.1	40.5	19.7	6.2	1.6	0.6	0.2	*	*	*	0.1
35-39 years	5,090	23.2	35.5	23.7	10.0	4.0	2.0	0.8	0.5	0.2	0.1	0.1
40-44 years	698	20.2	26.2	24.1	13.5	7.6	2.9	2.3	1.3	0.9	1.1	
45 years & over	18	16.7	5.6	11.1	38.9	16.7	5.6			5.6		
Unknown	8											
NONWHITE - Total	23,429	41.4	32.8	16.0	6.0	2.2	0.8	0.4	0.1	0.1	0.1	0.1
Under 15 years	157	93.6	6.4									
15-19 years	4,188	70.5	22.8	5.6	0.8	0.1						0.1
20-24 years	7,951	44.0	34.1	15.2	5.1	1.3	0.2	0.1				0.1
25-29 years	6,224	32.3	37.1	19.6	6.8	2.6	0.9	0.4	0.2	0.1	*	0.1
30-34 years	3,581	24.4	37.0	21.7	10.0	3.8	1.8	0.7	0.3	0.2	0.1	0.1
35-39 years	1,144	17.5	29.4	24.5	14.2	7.3	3.4	2.0	1.1	0.3	0.3	
40-44 years	175	12.0	27.4	21.7	13.7	10.9	5.1	4.6	1.1	0.6	2.9	
45 years & over	8			12.5	25.0	37.5		12.5	12.5			
Unknown	1											

*Less than 0.05 percent.

TABLE 14
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY BIRTH ORDER
VIRGINIA, 1987

Birth Order	Total	Highest Grade Completed						Unknown
		Elementary		High School		College		
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	90,314	671	2,369	13,760	35,130	18,097	19,965	322
1	40,399	228	964	5,838	15,597	8,186	9,461	125
2	30,932	179	644	4,109	12,367	6,386	7,159	88
3	12,788	117	377	2,279	4,970	2,465	2,542	38
4	4,049	61	212	959	1,513	708	581	15
5	1,284	40	98	336	440	227	138	5
6	449	21	37	133	141	69	44	4
7	187	15	15	60	49	24	23	1
8	76	7	9	22	18	11	9	
9	37	1	10	7	12	3	2	2
10+	31	2	3	8	8	8	2	
Unknown	82			9	15	10	4	44

TABLE 15
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1987

Trimester Care Began	Total	Highest Grade Completed						Unknown
		Elementary		High School		College		
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	90,314	671	2,369	13,760	35,130	18,097	19,965	322
First	72,576	365	1,425	8,820	27,807	15,556	18,458	145
Second	13,605	200	690	3,651	5,778	2,028	1,187	71
Third	2,636	80	178	851	987	326	193	21
None	874	12	49	315	343	103	33	19
Unknown	623	14	27	123	215	84	94	66

TABLE 16
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY TRIMESTER CARE BEGAN
VIRGINIA, 1987

Trimester Care Began	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	90,314	40,399	30,932	12,788	4,049	1,284	449	187	76	37	31	82
First	72,576	33,300	25,226	9,830	2,884	840	273	113	49	21	16	24
Second	13,605	5,547	4,449	2,241	844	323	123	44	16	5	10	3
Third	2,636	1,039	802	454	209	68	31	17	5	6	3	2
None	874	279	269	165	71	48	17	11	4	5	2	3
Unknown	623	234	186	98	41	5	5	2	2			50

TABLE 17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1987

Trimester Care Began	Total	Age of Mother												
		Under 15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	90,314	220	545	1,172	1,878	2,711	3,746	26,011	28,160	18,729	6,234	873	26	9
First	72,576	79	276	624	1,085	1,626	2,423	19,453	24,143	16,639	5,489	717	19	3
Second	13,605	92	197	406	557	816	1,040	5,027	3,144	1,625	581	116	4	
Third	2,636	32	46	101	154	195	182	996	539	269	99	22	1	
None	874	10	16	32	60	51	68	344	173	78	34	7		1
Unknown	623	7	10	9	22	23	33	191	161	118	31	11	2	5

TABLE 18

RESIDENT BIRTHS WITH APGAR SCORE BY AGE OF MOTHER
VIRGINIA, 1987

Apgar Score	TOTAL	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	90,314	220	10,052	26,011	28,160	18,729	6,234	873	26	9
(1 minute)										
00	60		10	17	18	12	3			
01	827	5	125	271	216	152	50	8		
02	742	4	104	225	220	135	45	8	1	
03	914	4	138	275	263	160	65	9		
04	1,278	1	182	405	331	261	83	13	1	1
05	1,867	10	226	582	547	350	135	16	1	
06	3,144	10	384	957	960	570	231	30	2	
07	8,536	19	1,087	2,590	2,568	1,696	499	75	2	
08	37,822	69	3,933	10,712	11,898	8,076	2,763	359	10	2
09	34,068	91	3,741	9,699	10,811	7,097	2,280	339	9	1
10	453	1	30	122	164	100	31	5		
Unknown	603	6	97	156	164	120	49	11		5
(5 minutes)										
00	32		8	7	8	7	2			
01	253	2	35	85	68	48	13	2		
02	117		17	31	33	32	3	1		
03	103	1	20	32	26	16	5	3		
04	156	1	28	57	38	24	7	1		
05	291	1	49	94	76	43	25	3		
06	693	7	118	219	185	111	42	10	1	
07	1,669	4	222	535	456	321	111	20		
08	7,565	20	947	2,326	2,230	1,472	507	62	1	
09	69,744	156	7,592	19,855	21,950	14,600	4,894	671	23	3
10	9,067	21	927	2,605	2,914	1,933	576	89	1	1
Unknown	624	7	89	165	176	122	49	11		5

TABLE 19

RESIDENT BIRTHS WITH APGAR SCORE BY RACE AND SEX
VIRGINIA, 1987

Apgar Score	Total	Race/Sex			
		White Male	White Female	Nonwhite Male	Nonwhite Female
TOTAL	90,314	34,327	32,558	11,994	11,435
(1 minute)					
00	60	20	15	18	7
01	827	255	205	202	165
02	742	252	200	175	115
03	914	317	253	193	151
04	1,278	471	354	237	216
05	1,867	665	574	324	304
06	3,144	1,176	1,065	475	428
07	8,536	3,242	2,935	1,146	1,213
08	37,822	14,610	14,187	4,553	4,472
09	34,068	12,936	12,405	4,519	4,208
10	453	210	188	29	26
Unknown	603	173	177	123	130
(5 minutes)					
00	32	9	11	6	6
01	253	72	58	73	50
02	117	43	23	31	20
03	103	26	22	29	26
04	156	55	26	44	31
05	291	98	68	74	51
06	693	235	177	151	130
07	1,669	582	498	312	277
08	7,565	2,767	2,520	1,202	1,076
09	69,744	26,389	25,022	9,275	9,058
10	9,067	3,861	3,952	669	585
Unknown	624	190	181	128	125

TABLE 20 - COMPLICATIONS OF PREGNANCY REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1987

Complications of Pregnancy	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Births with Complications	36,345	28,839	5,838	1,119	294	255
Complications Related to Pregnancy						
Hemorrhage in early pregnancy	155	141	9	3	2	
Placenta previa	337	274	47	8	3	5
Premature separation of placenta	442	324	77	16	17	8
Other and unspecified antepartum hemorrhage	360	299	36	15	5	5
Pre-eclampsia and eclampsia	1,550	1,235	244	45	19	7
Other and unspecified hypertension	1,960	1,561	321	52	14	12
Excessive vomiting	82	75	5	2		
Early or threatened labor	2,090	1,493	423	70	72	32
Prolonged pregnancy	181	124	44	10	2	1
Edema or excessive weight gain	156	111	32	11		2
Infections of genitourinary tract	1,325	923	336	53	3	10
Other and unspecified complications of pregnancy	101	70	21	5	2	3
Conditions during the puerperium	9	5	2	1	1	
Conditions in the Mother Complicating the Pregnancy						
Venereal disease	131	80	41	9	1	
Other infective and parasitic diseases	1,043	745	248	42	4	4
Diabetes mellitus	1,417	1,162	216	29		10
Anemia	952	590	297	59	3	3
Phlebitis, thrombosis and other venous complications	44	35	6	3		
Obesity	435	292	116	22	1	4
Injury during pregnancy	11	7	3			1
Operation during pregnancy	54	48	5	1		
Other conditions in mother affecting pregnancy	1,907	1,401	400	54	39	13
Complications Affecting Delivery						
Multiple pregnancy	899	586	93	11	4	5
Malposition or malpresentation of fetus	2,489	2,042	333	70	32	22
Fetopelvic disproportion	3,324	2,828	407	66	10	13
Uterine scar from previous surgery	5,480	4,481	787	156	20	36
Cervical incompetence	154	133	18			3
Other or unspecified abnormality of organs and soft tissues of pelvis	141	127	11			3
Rh incompatibility	353	236	98	18		1
Fetal distress	6,441	4,978	1,128	244	48	43
Other fetal and placental problems	453	343	87	17	2	4
Polyhydramnios	70	55	14	1		
Premature rupture of membranes	1,609	1,234	275	56	24	20
Other problems associated with amniotic cavity and membranes	488	379	80	21	3	5
Obstructed labor	530	430	82	15	2	1
Abnormality of forces of labor	2,469	1,991	376	67	24	11
Prolonged labor	312	264	39	7		2
Umbilical cord complications	4,560	3,565	772	165	28	30
Perineal laceration	501	411	64	14	3	9
Other obstetrical trauma	129	102	20	4	1	2
Postpartum hemorrhage	182	142	31	6	1	2
Retained placenta or membranes	174	122	32	4	4	2
Other and unspecified complications of labor and delivery	544	387	114	31	3	9
Type of Delivery (if specified on certificate)						
Forceps or ventouse delivery	1,686	1,311	270	74	13	18
Breech extraction	4	3	1			
Cesarean delivery	17,357	14,399	2,315	436	92	115

TABLE 21 - CONGENITAL ANOMALIES REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1987

Congenital Anomalies	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Infants with Anomalies	607	465	98	23	9	12
All Congenital Anomalies						
Anencephalus	9	6	2			1
Spina bifida	22	15	5	2		
Other anomalies of nervous system	34	21	9	4		
Anomalies of eye	9	8	1			
Anomalies of ear, face, and neck	7	6	1			
Bulbus cordis anomalies and anomalies of cardiac septal closure	9	7	2			
Other anomalies of heart	28	23	3			2
Other anomalies of circulatory system	9	7	1		1	
Anomalies of respiratory system	9	5	2			2
Cleft palate and cleft lip	70	58	7	2	2	1
Other anomalies of upper alimentary tract	12	9	2	1		
Other anomalies of digestive system	16	11	5			
Undescended testicle	25	18	5	1	1	
Hypospadias and epispadias	46	39	5	1		1
Other anomalies of genitourinary systems	36	26	4	3	1	2
Congenital dislocation of hip	10	9	1			
Deformities of feet	52	37	10	4		1
Polydactyly	86	60	20	4	2	
Syndactyly	14	12	2			
Other anomalies of limbs	35	31	1	2		1
Other anomalies of musculoskeletal system	34	31	2	1		
Anomalies of the integument	46	37	7	1		1
Down's syndrome	28	26	2			
Other chromosomal anomalies	14	12	1			1
Other and unspecified anomalies	29	16	8	1	3	1

TABLE 22 - RESIDENT LIVE BIRTHS AND NATURAL FETAL DEATHS BY RACE AND SEX BY MONTH OF DELIVERY AND NUMBER DELIVERED PER PREGNANCY, VIRGINIA, 1987

Month	LIVE BIRTHS					NATURAL FETAL DEATHS						
	Total	White		Nonwhite		Total	White			Nonwhite		
		Male	Female	Male	Female		Male	Female	Unk.	Male	Female	Unk.
TOTAL	90,314	34,327	32,558	11,994	11,435	7,201	326	223	4,743	210	151	1,548
January	7,060	2,679	2,517	966	898	597	21	15	425	13	11	112
February	6,609	2,494	2,337	893	885	594	31	12	380	17	13	141
March	7,580	2,898	2,739	1,009	934	696	24	17	456	17	17	165
April	7,227	2,891	2,672	867	797	600	28	13	389	19	9	140
May	7,517	2,862	2,752	963	940	604	29	20	396	13	14	132
June	7,509	2,892	2,669	974	974	608	28	13	411	19	12	125
July	7,950	2,983	2,805	1,078	1,084	620	25	21	408	16	12	136
August	7,957	2,979	2,880	1,047	1,051	559	21	21	367	13	13	124
September	8,111	3,037	2,964	1,099	1,011	559	27	17	356	22	10	127
October	7,722	2,903	2,882	1,018	919	609	38	17	398	19	14	123
November	7,343	2,867	2,566	1,003	922	568	32	24	372	23	18	99
December	7,729	2,842	2,795	1,077	1,015	587	22	31	385	17	8	124
Single births	88,361	33,599	31,853	11,736	11,173	7,078	297	205	4,706	199	134	1,537
Born as twins	1,907	707	690	252	258	108	28	16	30	11	14	9
Born as triplets	46	21	15	6	4	15	1	2	7		3	2

TABLE 23 - RESIDENT LIVE BIRTHS BY SEX AND SEX RATIO BY RACE VIRGINIA, 1978-1987

Year	TOTAL			WHITE			NONWHITE		
	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females
1978	37,714	35,635	1,058	28,284	26,637	1,062	9,430	8,998	1,048
1979	39,476	37,423	1,055	29,213	27,523	1,061	10,263	9,900	1,037
1980	40,086	38,337	1,046	29,842	28,205	1,058	10,244	10,132	1,011
1981	40,862	38,416	1,064	30,379	28,441	1,068	10,483	9,975	1,051
1982	41,626	39,472	1,055	31,198	29,271	1,066	10,428	10,201	1,022
1983	41,508	39,271	1,057	31,045	29,041	1,069	10,463	10,230	1,023
1984	42,430	40,232	1,055	31,596	29,795	1,060	10,834	10,437	1,038
1985	44,340	41,644	1,065	33,238	30,761	1,081	11,102	10,883	1,020
1986	44,307	42,818	1,035	32,777	31,623	1,036	11,530	11,195	1,030
1987	46,321	43,993	1,053	34,327	32,558	1,054	11,994	11,435	1,049

TABLE 24 - RESIDENT PREGNANCIES (LIVE BIRTHS, NATURAL FETAL DEATHS AND INDUCED ABORTIONS) BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	129,951	49,797	38.3	93,605	27,099	29.0	36,346	22,698	62.4
Under 15 years	578	550	95.2	203	180	88.7	375	370	98.7
15-19 years	18,834	14,404	76.5	11,810	7,930	67.1	7,024	6,474	92.2
15 years	1,160	1,072	92.4	565	486	86.0	595	586	98.5
16 years	2,524	2,231	88.4	1,447	1,178	81.4	1,077	1,053	97.8
17 years	3,696	3,016	81.6	2,357	1,738	73.7	1,339	1,278	95.4
18 years	5,194	3,949	76.0	3,366	2,289	68.0	1,828	1,660	90.8
19 years	6,260	4,136	66.1	4,075	2,239	54.9	2,185	1,897	86.8
20-24 years	38,836	18,148	46.7	26,548	9,669	36.4	12,288	8,479	69.0
25-29 years	37,117	9,627	25.9	27,964	5,254	18.8	9,153	4,373	47.8
30-34 years	24,017	4,689	19.5	18,740	2,582	13.8	5,277	2,107	39.9
35-39 years	8,912	1,908	21.4	7,054	1,151	16.3	1,858	755	40.6
40-44 years	1,478	377	25.5	1,145	254	22.2	333	123	36.9
45 years & over	62	18	29.0	41	12	29.3	21	6	28.6
Unknown	117	76		100	65		17	11	

TABLE 25 - RESIDENT LIVE BIRTHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	90,314	20,515	22.7	66,885	8,293	12.4	23,429	12,222	52.2
Under 15 years	220	200	90.9	63	44	69.8	157	156	99.4
15-19 years	10,052	6,240	62.1	5,864	2,500	42.6	4,188	3,740	89.3
15 years	545	485	89.0	213	157	73.7	332	328	98.8
16 years	1,172	929	79.3	562	334	59.4	610	595	97.5
17 years	1,878	1,292	68.8	1,086	550	50.6	792	742	93.7
18 years	2,711	1,646	60.7	1,646	718	43.6	1,065	928	87.1
19 years	3,746	1,888	50.4	2,357	741	31.4	1,389	1,147	82.6
20-24 years	26,011	7,892	30.3	18,060	3,127	17.3	7,951	4,765	59.9
25-29 years	28,160	3,840	13.6	21,936	1,597	7.3	6,224	2,243	36.0
30-34 years	18,829	1,692	9.0	15,148	720	4.8	3,581	972	27.1
35-39 years	6,234	541	8.7	5,090	244	4.8	1,144	297	26.0
40-44 years	873	101	11.6	698	52	7.4	175	49	28.0
45 years & over	26	3	11.5	18	3	16.7	8		0.0
Unknown	9	6		8	6		1		

TABLE 26 - RESIDENT NATURAL FETAL DEATHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	3,201	2,421	33.6	5,292	1,262	23.8	1,909	1,159	60.7
Under 15 years	25	24	96.0	12	11	91.7	13	13	100.0
15-19 years	741	522	70.4	454	263	57.9	287	259	90.2
15 years	43	38	88.4	22	17	77.3	21	21	100.0
16 years	94	81	86.2	49	38	77.6	45	43	95.6
17 years	117	81	70.9	76	45	59.2	41	38	92.7
18 years	229	158	69.0	141	80	56.7	88	78	88.6
19 years	258	162	62.8	166	83	50.0	92	79	85.9
20-24 years	1,811	794	43.8	1,243	400	32.2	568	394	69.4
25-29 years	2,031	499	24.6	1,530	256	16.7	501	243	48.5
30-34 years	1,530	364	23.8	1,182	195	16.5	348	169	48.6
35-39 years	822	157	19.1	625	91	13.8	147	64	43.5
40-44 years	190	39	20.5	154	26	16.9	36	13	36.1
45 years & over	12	2	16.7	8	1	12.5	4	1	25.0
Unknown	39	20		34	17		5	3	

TABLE 27 - RESIDENT INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1987

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	32,436	26,861	82.8	21,428	17,544	81.9	11,008	9,317	84.6
Under 15 years	333	326	97.9	128	125	97.7	205	201	98.0
15-19 years	8,041	7,642	95.0	5,492	5,167	94.1	2,549	2,475	97.1
15 years	572	549	96.0	330	312	94.5	242	237	97.9
16 years	1,258	1,221	97.1	836	806	96.4	422	415	98.3
17 years	1,701	1,641	96.5	1,195	1,143	95.6	506	498	98.4
18 years	2,254	2,145	95.2	1,579	1,491	94.4	675	654	96.9
19 years	2,256	2,086	92.5	1,552	1,415	91.2	704	671	95.3
20-24 years	11,014	9,462	85.9	7,245	6,142	84.8	3,769	3,320	88.1
25-29 years	6,926	5,288	76.3	4,498	3,401	75.6	2,428	1,887	77.7
30-34 years	3,758	2,633	70.1	2,410	1,667	69.2	1,348	966	71.7
35-39 years	1,856	1,210	65.2	1,289	816	63.3	567	394	69.5
40-44 years	415	237	57.1	293	176	60.1	122	61	50.0
45 years & over	24	13	54.2	15	8	53.3	9	5	55.6
Unknown	69	50		58	42		11	8	

TABLE 28 - TEENAGE TOTAL PREGNANCIES, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Teenage Total Pregnancies				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	19,412	578	7,380	11,454	10,272	220	3,595	6,457	8,374	333	3,531	4,510	766	25	254	487
District 1	299	4	105	190	242	2	82	158	43	2	18	23	14		5	9
Lee	95		31	64	80		25	55	8		3	5	7		3	4
Scott	58	2	18	38	53	1	16	36	5	1	2	2				
Wise	134	1	48	85	99	1	33	65	28		13	15	7		2	5
Norton	12	1	8	3	10		8	2	2	1		1				
District 2	341	8	121	212	269	6	94	169	55	1	21	33	17	1	6	10
Buchanan	99	2	31	66	79	1	25	53	13	1	3	9	7		3	4
Dickenson	54	1	26	27	39	1	19	19	14		6	8	1		1	
Russell	72	3	20	49	61	2	15	44	10		5	5	1	1		
Tazewell	116	2	44	70	90	2	35	53	18		7	11	8		2	6
District 3	489	5	191	293	335	3	125	207	127	2	57	68	27		9	18
Bland	16		7	9	9		7	2	6			6	1			1
Carroll	63		22	41	42		12	30	17		9	8	4		1	3
Grayson	43		19	24	30		13	17	13		6	7				
Smyth	79	3	26	50	63	3	18	42	11		8	3	5			5
Washington	125	2	45	78	72		23	49	44	2	18	24	9		4	5
Wythe	86		36	50	53		19	34	28		14	14	5		3	2
Bristol	52		26	26	46		25	21	6		1	5				
Galax	25		10	15	20		8	12	2		1	1	3		1	2
District 4	437	7	118	312	304	3	70	131	213	2	43	168	20	2	5	13
Floyd	18		6	12	11		5	6	7		1	6				
Giles	46		18	28	33		12	21	12		6	6	1			1
Montgomery	194	4	45	145	75		24	51	110	2	19	89	9	2	2	5
Pulaski	116	3	39	74	75	3	25	47	31		11	20	10		3	7
Radford	63		10	53	10		4	6	53		6	47				
District 5	815	31	336	448	390	11	151	228	395	18	177	200	30	2	8	20
Alleghany	37		14	23	19		6	13	18		8	10				
Botetourt	43	1	17	25	22		6	16	21	1	11	9				
Craig	10	1	4	5	6		3	3	4	1	1	2				
Roanoke	150	4	61	85	50		15	35	97	4	46	47	3			3
Clifton Forge	13	1	5	7	8		4	4	5	1	1	3				
Covington	23	2	7	14	10		4	6	10	2	2	6	3		1	2
Roanoke City	471	22	203	246	251	11	105	135	199	9	92	98	21	2	6	13
Salem	68		25	43	24		8	16	41		16	25	3		1	2
District 6	576	18	217	341	335	8	116	211	223	10	95	118	18		6	12
Augusta	146	5	56	85	70	1	23	46	74	4	32	38	2		1	1
Bath	10	1	3	6	9	1	2	6	1		1					
Highland	4		2	2	3		1	2	1		1					
Rockbridge	37	1	13	23	24	1	5	18	13		8	5				
Rockingham	198	6	81	111	101	3	45	53	88	3	33	52	9		3	6
Buena Vista	21	1	8	12	12		3	9	9	1	5	3				
Harrisonburg	52	1	13	38	35	1	10	24	14		3	11	3			3
Lexington	14		4	10	7		1	6	7		3	4				
Staunton	50	2	14	34	38	1	9	28	8	1	3	4	4		2	2
Waynesboro	44	1	23	20	36		17	19	8	1	6	1				
District 7	381	1	133	247	301	1	103	197	53		23	30	27		7	20
Clarke	25	1	7	17	22	1	7	14	3			3				
Frederick	91		29	62	78		27	51	8		2	6	5			5
Page	58		22	36	43		15	28	9		4	5	6		3	3
Shenandoah	69		21	48	54		16	38	10		4	6	5		1	4
Warren	74		28	46	56		17	39	17		11	6	1			1
Winchester	64		26	38	48		21	27	6		2	4	10		3	7
District 8	3,222	63	1,239	1,920	1,273	24	422	827	1,855	35	786	1,034	94	4	31	59
Arlington	318	6	116	196	160	4	55	101	148	1	57	90	10	1	4	5
Fairfax	1,520	26	607	887	477	11	163	303	998	15	428	555	45		16	29
Loudoun	187	5	72	110	68	1	21	46	113	4	49	60	6		2	4
Prince William	666	16	242	408	311	5	91	215	340	10	148	182	15	1	3	11
Alexandria	352	8	139	205	160	2	63	95	177	4	72	101	15	2	4	9
Fairfax City	64		28	36	26		10	16	38		18	20				
Falls Church	23	1	6	16	6	1	1	4	17		5	12				
Manassas	78	1	24	53	52		14	38	23	1	8	14	3		2	1
Manassas Park	14		5	9	13		4	9	1		1					
District 9	299	14	119	166	161	5	61	95	122	8	52	62	16	1	6	9
Culpeper	92	5	30	57	53	2	20	31	32	3	9	20	7		1	6
Fauquier	105	3	49	53	62	1	24	37	39	2	21	16	4		4	
Madison	29	5	8	16	13	2	3	8	15	3	5	7	1			1
Orange	61	1	27	33	29		11	18	29		15	14	3	1	1	1
Rappahannock	12		5	7	4		3	1	7		2	5	1			1
District 10	505	20	187	298	240	11	80	149	237	9	102	126	28		5	23
Albemarle	209	7	72	130	54	3	10	41	145	4	59	82	10		3	7
Fluvanna	29		15	14	15		5	10	12		10	2	2			2
Greene	33	1	15	17	19		8	11	13	1	7	5	1			1
Louisa	72	6	21	45	47	5	12	30	21	1	9	11	4			4
Nelson	32	1	15	16	21		11	10	10	1	4	5	1			1
Charlottesville	130	5	49	76	84	3	34	47	36	2	13	21	10		2	8
District 11	653	21	237	395	354	6	119	229	250	14	95	141	49	1	23	25
Amherst	81	3	19	59	33		6	27	42	2	11	28	6	1	2	3
Appomattox	41	3	15	23	24		7	17	14	3	5	6	3		3	
Bedford	76		29	47	47		15	32	20		11	9	9		3	6
Campbell	149	2	62	85	89	1	39	49	51	1	19	31	9		4	5
Bedford City	21	1	6	14	12	1	1	10	7		3	4	2		2	
Lynchburg	285	12	106	167	149	4	51	94	116	8	46	62	20		9	11

(continued)

TABLE 28 - TEENAGE TOTAL PREGNANCIES, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Teenage Total Pregnancies				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	19,412	578	7,380	11,454	10,272	220	3,595	6,457	8,374	333	3,531	4,510	766	25	254	487
District 12	774	30	317	427	482	19	188	275	252	9	118	125	40	2	11	27
Franklin	98	2	39	57	61	1	24	36	33	1	13	19	4		2	2
Henry	196	12	71	113	123	9	39	75	66	3	30	33	7		2	5
Patrick	46		16	30	31		10	21	14		6	8	1			1
Pittsylvania	217	4	97	116	114	2	52	60	92	2	43	47	11		2	9
Danville	146	7	67	72	108	3	48	57	26	2	16	8	12	2	3	7
Martinsville	71	5	27	39	45	4	15	26	21	1	10	10	5		2	3
District 13	249	4	98	147	152		57	95	82	4	37	41	15		4	11
Brunswick	46		17	29	33		12	21	12		5	7	1			1
Halifax	93	1	42	50	57		23	34	32	1	18	13	4		1	3
Mecklenburg	93	3	29	61	56		17	39	27	3	9	15	10		3	7
South Boston	17		10	7	6		5	1	11		5	6				
District 14	260	5	106	149	159	1	62	96	88	4	36	48	13		8	5
Amelia	13		8	11	10		3	7	8		4	4	1		1	
Buckingham	41	2	13	26	31		10	21	9	2	2	5	1		1	
Charlotte	40		21	19	26		13	13	11		5	6	3		3	
Cumberland	22	1	11	10	15		8	7	7	1	3	3				
Lunenburg	32		16	16	21		10	11	9		6	3	2			2
Nottoway	44	1	19	24	23		8	15	20	1	11	8	1			1
Prince Edward	62	1	18	43	33	1	10	22	24		5	19	5		3	2
District 15	2,630	111	1,030	1,489	1,133	32	408	693	1,434	76	603	755	63	3	19	41
Charles City Co.	21	2	8	11	14	2	6	6	7		2	5				
Chesterfield	545	14	237	294	179	3	58	118	349	11	174	164	17		5	12
Goochland	33	1	10	22	13	1	5	7	20		5	15				
Hanover	170	1	69	100	61		22	39	105	1	46	58	4		1	3
Henrico	632	23	234	375	218	3	75	140	407	20	156	231	7		3	4
New Kent	33	1	12	20	14		3	11	18	1	9	8	1			1
Powhatan	22	3	5	14	11	1	1	9	9	1	4	4	2	1		1
Richmond City	1,174	66	455	653	623	22	238	363	519	42	207	270	32	2	10	20
District 16	508	6	178	324	279	1	82	196	200	5	84	111	29		12	17
Caroline	81	1	37	43	52		20	32	26	1	16	9	3		1	2
King George	34	1	9	24	19		2	17	12	1	5	6	3		2	1
Spotsylvania	128	3	44	81	78	1	22	55	42	2	19	21	8		3	5
Stafford	151		49	102	80		24	56	61		21	40	10		4	6
Fredericksburg	114	1	39	74	50		14	36	59	1	23	35	5		2	3
District 17	138	4	45	89	77	1	22	54	59	3	23	33	2			2
Lancaster	31		10	21	18		4	14	13		6	7				
Northumberland	27	2	11	14	17	1	7	9	10	1	4	5				
Richmond	22		5	17	13		3	10	9		2	7				
Westmoreland	58	2	19	37	29		8	21	27	2	11	14	2			2
District 18	170	4	74	92	92	3	32	57	68	1	41	26	10		1	9
Essex	27	1	13	13	15		6	9	12	1	7	4				
Gloucester	68	2	27	39	37	2	15	20	26		12	14	5			5
King and Queen	12	1	2	9	11	1	1	9	1		1					
King William	21		13	8	9		2	7	12		11	1				
Mathews	17		5	12	10		3	7	5		1	4	2		1	1
Middlesex	25		14	11	10		5	5	12		9	3	3			3
District 19	723	32	286	405	420	11	157	252	265	21	117	127	38		12	26
Dinwiddie	46	3	15	28	27		6	16	19	3	7	9	5		2	3
Greensville	64	5	29	30	44	2	17	25	19	3	11	5	1		1	
Prince George	67	2	33	32	34	2	16	16	29		16	13	4		1	3
Surry	16		6	10	10		2	8	6		4	2				
Sussex	46	2	21	23	32		15	17	13	2	5	6	1		1	
Colonial Heights	70		37	33	26		10	16	42		26	16	2		1	1
Emporia	25	1	11	13	21	1	8	12	1		1		3		2	1
Hopewell	116	2	45	69	66	1	25	40	42	1	19	22	8		1	7
Petersburg	273	17	89	167	165	5	58	102	94	12	28	54	14		3	11
District 20	4,244	124	1,577	2,543	2,477	45	851	1,581	1,604	21	672	861	163	8	54	101
Isle of Wight	78	3	28	47	48	1	14	33	24	2	12	10	6		2	4
Southampton	37	1	17	19	24		8	16	12	1	9	2	1			1
Chesapeake	529	16	207	306	307	7	114	186	208	9	90	109	14		3	11
Franklin City	45	1	19	25	32		14	18	12	1	5	6	1			1
Norfolk	1,502	48	505	949	966	21	314	631	465	22	164	279	71	5	27	39
Portsmouth	598	20	247	331	382	6	163	213	193	13	77	103	23	1	7	15
Suffolk	184	7	74	103	128	5	50	73	47	1	20	26	9	1	4	4
Virginia Beach	1,271	28	480	763	590	5	174	411	643	22	295	326	38	1	11	26
District 21	1,526	59	583	884	771	23	254	494	710	35	309	366	45	1	20	24
James City Co.	45	1	21	23	22		8	14	21	1	11	9	2		2	
York	73	5	29	39	24	3	8	13	46	2	21	23	3			3
Hampton	534	21	200	313	251	6	82	163	269	15	112	142	14		6	8
Newport News	742	26	283	433	423	12	138	273	298	14	135	149	21		10	11
Poquoson	26	1	9	16	12	1	3	8	14		6	8				
Williamsburg	106	5	41	60	39	1	15	23	62	3	24	35	5	1	2	2
District 22	169	7	81	81	126	4	59	63	35	3	20	12	8		2	6
Accomack	126	6	57	63	97	4	44	49	23	2	11	10	6		2	4
Northampton	43	1	24	18	29		15	14	12	1	9	2	2			2
Unknown	4		2	2					4		2	2				

TABLE 29 -- NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	7,201	5,292	1,909	6,459	4,852	1,607	742	440	302
District 1	35	35		29	29		6	6	
Lee	12	12		10	10		2	2	
Scott									
Wise	22	22		18	18		4	4	
Norton	1	1		1	1				
District 2	106	102	4	94	91	3	12	11	1
Buchanan	29	28	1	27	26	1	2	2	
Dickenson	13	13		11	11		2	2	
Russell	23	22	1	21	20	1	2	2	
Tazewell	41	39	2	35	34	1	6	5	1
District 3	186	179	7	174	167	7	12	12	
Bland	4	4		3	3		1	1	
Carroll	32	31	1	29	28	1	3	3	
Grayson	20	20		20	20				
Smyth	25	25		23	23		2	2	
Washington	41	40	1	36	35	1	5	5	
Wythe	46	41	5	38	41	5			
Bristol	2	2		2	2				
Galax	16	16		15	15		1	1	
District 4	136	127	9	132	123	9	4	4	
Floyd	11	11		10	10		1	1	
Giles	9	9		9	9				
Montgomery	79	73	6	77	71	6	2	2	
Pulaski	30	27	3	29	26	3	1	1	
Radford	7	7		7	7				
District 5	320	276	44	293	255	38	27	21	6
Alleghany	8	8		6	6		2	2	
Botetourt	25	25		22	22		3	3	
Craig	2	2		2	2				
Roanoke	71	67	4	65	61	4	6	6	
Clifton Forge	6	6		6	6				
Covington	13	13		13	13				
Roanoke City	160	121	39	146	113	33	14	8	6
Salem	35	34	1	33	32	1	2	2	
District 6	216	199	17	186	174	12	30	25	5
Augusta	35	35		25	25		10	10	
Bath	3	3		3	3				
Highland	3	3		3	3				
Rockbridge	10	9	1	8	8		2	1	1
Rockingham	91	91		82	82		9	9	
Buena Vista	4	4		4	4				
Harrisonburg	29	27	2	26	25	1	3	2	1
Lexington	6	5	1	5	3	1	2	1	1
Staunton	30	20	10	28	19	9	2	1	1
Waynesboro	5	3	2	3	2	1	2	1	1
District 7	194	184	10	172	163	9	22	21	1
Clarke	9	8	1	7	6	1	2	2	
Frederick	45	45		45	45				
Page	31	31		29	29		2	2	
Shenandoah	44	43	1	33	32	1	11	11	
Warren	33	32	1	28	27	1	5	5	
Winchester	32	25	7	30	24	6	2	1	1
District 8	1,542	1,267	275	1,404	1,164	240	138	103	35
Arlington	136	112	24	111	91	20	25	21	4
Fairfax	776	663	113	715	618	97	61	45	16
Loudoun	84	77	7	81	75	6	3	2	1
Prince William	294	246	48	269	223	47	25	19	6
Alexandria	198	122	76	178	108	70	20	14	6
Fairfax City	6	5	1	4	4		2	1	1
Falls Church	4	3	1	4	3	1			
Manassas	39	34	5	37	33	4	2	1	1
Manassas Park	5	5		5	5				
District 9	174	148	26	153	134	19	21	14	7
Culpeper	57	42	15	48	36	12	9	6	3
Fauquier	62	57	5	55	52	3	7	5	2
Madison	16	14	2	14	13	1	2	1	1
Orange	31	28	3	29	27	2	2	1	1
Rappahannock	8	7	1	7	6	1	1	1	
District 10	220	166	54	201	156	45	19	10	9
Albemarle	55	42	13	48	38	10	7	4	3
Fluvanna	12	10	2	12	10	2			
Greene	12	10	2	12	10	2			
Louisa	23	18	5	20	18	2	3		3
Nelson	19	15	4	18	15	3	1		1
Charlottesville	99	71	28	91	65	26	8	6	2
District 11	312	222	90	287	210	77	25	12	13
Amherst	36	27	9	33	24	9	3	3	
Appomattox	21	16	5	17	13	4	4	3	1
Bedford	53	49	4	51	47	4	2	2	
Campbell	56	45	11	49	42	7	7	3	4
Bedford City	9	3	6	7	3	4	2		2
Lynchburg	137	82	55	130	81	49	7	1	6

(continued)

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	7,201	5,292	1,909	6,459	4,852	1,607	742	440	302
District 12	298	182	116	259	169	90	39	13	26
Franklin	46	36	10	40	34	6	6	2	4
Henry	61	40	21	50	36	14	11	4	7
Patrick	12	12		8	8		4	4	
Pittsylvania	80	45	35	74	44	30	6	1	5
Danville	76	39	37	70	37	33	6	2	4
Martinsville	23	10	13	17	10	7	6		6
District 13	132	65	67	118	57	61	14	8	6
Brunswick	18	8	10	16	6	10	2	2	
Halifax	39	20	19	36	18	18	3	2	1
Mecklenburg	50	25	25	43	22	21	7	3	4
South Boston	25	12	13	23	11	12	2	1	1
District 14	100	48	52	86	43	37	20	5	15
Amelia	10	6	4	10	6	4			
Buckingham	13	6	7	11	6	5	2		2
Charlotte	17	7	10	12	6	6	5	1	4
Cumberland	8	6	2	8	6	2			
Lunenburg	17	5	12	12	4	8	5	1	4
Nottoway	11	4	7	10	4	6	1		1
Prince Edward	24	14	10	17	11	6	7	3	4
District 15	1,001	730	271	917	697	220	84	33	51
Charles City Co.	7	2	5	6	2	4	1		1
Chesterfield	337	294	43	320	280	40	17	14	3
Goochland	17	14	3	16	13	3	1	1	
Hanover	59	54	5	56	53	3	3	1	2
Henrico	278	228	50	258	216	42	20	12	8
New Kent	10	9	1	10	9	1			
Powhatan	20	16	4	18	16	2	2		2
Richmond City	273	113	160	233	108	125	40	5	35
District 16	209	176	33	187	161	26	22	15	7
Caroline	20	10	10	16	9	7	4	1	3
King George	23	19	4	21	17	4	2	2	
Spotsylvania	57	51	6	51	48	3	6	3	3
Stafford	67	61	6	63	57	6	4	4	
Fredericksburg	42	35	7	36	30	6	6	5	1
District 17	13	8	5	12	8	4	1		1
Lancaster									
Northumberland	1		1	1		1			
Richmond	2	2		2	2				
Westmoreland	10	6	4	9	6	3	1		1
District 18	79	67	12	70	59	11	9	8	1
Essex	5	5		5	5				
Gloucester	36	31	5	32	27	5	4	4	
King and Queen	7	4	3	5	2	3	2	2	
King William	10	7	3	9	7	2	1		1
Mathews	9	8	1	8	7	1	1	1	
Middlesex	12	12		11	11		1	1	
District 19	280	130	150	247	119	128	33	11	22
Dinwiddie	27	19	8	23	17	6	4	2	2
Greensville	5	4	1	4	3	1	1	1	
Prince George	39	26	13	37	25	12	2	1	1
Surry	5	2	3	4	1	3	1	1	
Sussex	18	4	14	16	3	13	2	1	1
Colonial Heights	31	29	2	30	28	2	1	1	
Emporia	12	5	7	11	5	6	1		1
Hopewell	32	18	14	27	16	11	5	2	3
Petersburg	111	23	88	95	21	74	16	2	14
District 20	1,205	740	465	1,060	655	405	145	85	60
Isle of Wight	27	21	6	24	20	4	3	1	2
Southampton	9	5	4	7	5	2	2		2
Chesapeake	194	113	81	178	106	72	16	7	9
Franklin City	13	6	7	13	6	7			
Norfolk	402	218	184	354	193	161	48	25	23
Portsmouth	135	68	67	114	58	56	21	10	11
Suffolk	74	35	39	69	35	34	5		5
Virginia Beach	351	274	77	301	232	69	50	42	8
District 21	389	217	172	336	197	139	53	20	33
James City Co.	34	27	7	32	26	6	2	1	1
York	24	20	4	23	19	4	1	1	
Hampton	135	69	66	116	64	52	19	5	14
Newport News	161	76	85	135	67	68	26	9	17
Poquoson	3	3		3	3				
Williamsburg	32	22	10	27	18	9	5	4	1
District 22	51	21	30	46	19	27	5	2	3
Accomack	32	10	22	28	9	19	4	1	3
Northampton	19	11	8	18	10	8	1	1	
Unknown	3	3		2	2		1	1	

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	7,201	25	741	1,811	2,031	1,530	822	190	12	39
District 1	35		14	5	6	3	5	2		
Lee	12		7	2	1		1	1		
Scott										
Wise	22		7	3	4	3	4	1		
Norton	1				1					
District 2	106	1	16	31	23	20	13	1		1
Buchanan	29		7	11	4	4	2			1
Dickenson	13		1	5	2	2	3			
Russell	23	1		5	9	6	2			
Tazewell	41		8	10	8	8	6	1		
District 3	186		27	67	43	35	13	1		
Bland	4		1	2		1				
Carroll	32		4	11	6	9	2			
Grayson	20			11	4	2	3			
Smyth	25		5	12	6	2				
Washington	41		9	15	5	8	4			
Wythe	46		5	11	18	8	3	1		
Bristol	2			2						
Galax	16		3	1	4	5	1			
District 4	226	2	18	44	34	23	12	2	1	
Floyd	11			7	1		3			
Giles	9		1	5	2			1		
Montgomery	79	2	7	21	24	16	7	1	1	
Pulaski	30		10	8	5	5	2			
Radford	7			3	2	2				
District 5	320	2	28	57	115	77	32	9		
Alleghany	8			2	4	2				
Botetourt	25			5	10	5	4	1		
Craig	2				1			1		
Roanoke	71		1	10	25	23	6	4		
Clifton Forge	6			1	1	2				
Covington	13		1	2	5	1	2			
Roanoke City	160	2	19	28	58	33	17	3		
Salem	35		3	7	11	11	3			
District 6	216		18	62	70	42	19	4		1
Augusta	35		2	13	9	7	2	1		1
Bath	3			1	1		1			
Highland	3				2	1				
Rockbridge	10			1	5	2	2			
Rockingham	91		9	27	32	15	6	2		
Buena Vista	5			1	2	1				
Harrisonburg	29		3	9	6	7	4			
Lexington	6			1	2	3				
Staunton	30		4	7	10	5	3	1		
Waynesboro	5			2	1	1	1			
District 7	194		27	57	52	36	16	6		2
Clarke	9			4	1	3				1
Frederick	45		5	15	12	9	2	2		
Page	31		6	12	7	3	3			
Shenandoah	44		5	7	16	7	8			1
Warren	33		1	9	7	11	2	3		
Winchester	32		10	8	9	3	1	1		
District 8	1,542	4	90	319	437	370	254	57	4	7
Arlington	136	1	9	28	26	45	19	8		
Fairfax	776		45	128	208	190	162	35	3	5
Loudoun	84		6	17	31	17	12			1
Prince William	294	1	16	86	106	61	19	7		
Alexandria	198	2	13	44	53	40	39	5	1	1
Fairfax City	6			2	1	2	1			
Falls Church	4				2	1		1		
Manassas	39		1	13	10	10	2	1		
Manassas Park	5			1		4				
District 9	174	1	15	55	44	30	23	6		
Culpeper	57		7	22	13	7	6	2		
Fauquier	62		4	19	19	8	12			
Madison	16		1	6	3	3	1	2		
Orange	31	1	2	6	8	10	3	1		
Rappahannock	8		1	2	1	2	1	1		
District 10	220		28	56	58	39	27	8	1	3
Albemarle	55		10	13	12	8	9	3		
Fluvanna	12		2	3	5	1	1			
Greene	12		1	4	4	3				
Louisa	23		4	8	6	4	1			
Nelson	19		1	8	3	3	1	2	1	
Charlottesville	99		10	20	28	20	15	3		3
District 11	312	1	48	74	83	64	33	8		1
Amherst	36	1	5	8	10	7	5			
Appomattox	21		3	3	4	7	2	2		
Bedford	53		9	13	15	11	2	3		
Campbell	56		9	13	16	11	6			1
Bedford City	9		2	1	2	4				
Lynchburg	137		20	36	36	24	18	3		

(continued)

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	7,201	25	741	1,811	2,031	1,530	822	190	12	39
District 12	298	2	38	84	79	63	21	8	1	2
Franklin	46		4	10	14	16	1			1
Henry	61		7	22	14	11	5	2		
Patrick	12		1	2	5	4				
Pittsylvania	80		11	23	20	10	10	5		1
Danville	76	2	10	22	18	18	4	1	1	
Martinsville	23		5	5	8	4	1			
District 13	132		15	32	47	23	12	2		1
Brunswick	18		1	4	7	5	1			
Halifax	39		4	9	16	8	2			
Mecklenburg	50		10	15	13	7	4	1		
South Boston	25			4	11	3	5	1		1
District 14	100		13	22	31	19	11	3		1
Amelia	10		1	4	4	1				
Buckingham	13		1	5	6		1			
Charlotte	17		3	3	6	3	2			
Cumberland	8			2	1	2	3			
Lunenburg	17		2	4	3	5	1	1		1
Nottoway	11		1	1	5	1	2	1		
Prince Edward	24		5	3	6	7	2	1		
District 15	1,001	3	60	203	291	262	137	38	2	5
Charles City Co.	7			2	4	1				
Chesterfield	337		17	54	116	95	43	11		1
Goochland	17			4	2	6	1	4		
Hanover	59		4	11	13	19	9	3		
Henrico	278		7	54	71	86	42	9		4
New Kent	10		1	1	6	1	1			
Powhatan	20	1	1	5	3	4	4	2		
Richmond City	273	2	30	72	78	50	12	9	2	
District 16	209		29	52	54	40	25	6	1	2
Caroline	20		3	6	3	4	3	1		
King George	23		3	6	9	1	3		1	
Spotsylvania	57		8	13	11	10	6	2		1
Stafford	67		10	13	17	17	6	3		1
Fredericksburg	42		5	10	12	8	7			
District 17	11		2	1	4	3		1		
Lancaster										
Northumberland	1				1					
Richmond	2			1		1				
Westmoreland	10		2		3	2		1		
District 18	79		10	17	26	18	7			1
Essex	5			2	2	1				
Gloucester	16		5	2	11	6	4			1
King and Queen	7			1	1	3	2			
King William	10			2	6	2				
Mathews	9		2	2	2	3				
Middlesex	12		3	3	2	1	1			
District 19	280		38	77	73	63	25	2	2	
Dinwiddie	27		5	6	6	9	1			
Greensville	5		1	2	1	1				
Prince George	39		4	5	11	12	7			
Surry	5			1	3				1	
Sussex	18		1	5	4	5	3			
Colonial Heights	31		2	6	10	7	6			
Emporia	12		3	1	3	2	2		1	
Hopewell	32		8	9	8	6	1			
Petersburg	111		14	42	27	21	5	2		
District 20	1,205	8	155	373	330	206	106	17		10
Isle of Wight	27		6	8	7	3	2			1
Southampton	9		1	3	1	2	2			
Chesapeake	194		14	59	58	36	21	4		2
Franklin City	13		1	5	4	1				
Norfolk	402	5	66	136	97	68	27	2		1
Portsmouth	135	1	22	48	32	19	11	1		1
Suffolk	74	1	8	23	22	14	4	1		1
Virginia Beach	351	1	37	91	107	63	39	9		4
District 21	389	1	44	110	118	82	26	7		1
James City Co.	34		2	4	11	10	7			
York	24		1	3	8	7	2	1		
Hampton	135		14	44	40	27	8	2		
Newport News	161		21	50	50	32	7	1		
Poquoson	3			1	1			1		
Williamsburg	32	1	4	8	8	6	2	2		1
District 22	51		8	15	12	10	4	2		
Accomack	32		6	12	3	6	3	2		
Northampton	19		2	3	9	4	1			
Unknown	3				1		1			1

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	32,436	21,428	11,008	26,861	17,544	9,317	82.8	81.9	84.6
District 1	146	144	2	87	86	1	59.6	59.7	50.0
Lee	29	29		20	20		69.0	69.0	
Scott	25	25		8	8		32.0	32.0	
Wise	84	83	1	52	52		61.9	62.7	0.0
Norton	8	7	1	7	6	1	87.5	85.7	100.0
District 2	176	174	2	117	115	2	66.5	66.1	100.0
Buchanan	56	56		35	35		62.5	62.5	
Dickenson	28	28		20	20		71.4	71.4	
Russell	35	35		22	22		62.9	62.9	
Tazewell	57	55	2	40	38	2	70.2	69.1	100.0
District 3	388	366	22	267	248	19	68.8	67.8	86.4
Bland	14	14		11	11		78.6	78.6	
Carroll	56	55	1	31	30	1	55.4	54.5	100.0
Grayson	34	32	2	22	20	2	64.7	62.5	100.0
Smyth	46	43	3	31	28	3	67.4	65.1	100.0
Washington	123	120	3	84	82	2	68.3	68.3	66.7
Wythe	77	68	9	59	51	8	76.6	75.0	88.9
Bristol	25	23	2	19	17	2	76.0	73.9	100.0
Galax	13	11	2	10	9	1	76.9	81.8	50.0
District 4	776	680	54	613	566	47	83.5	83.2	87.0
Floyd	20	18	2	16	14	2	80.0	77.8	100.0
Giles	26	22	4	20	16	4	76.9	72.7	100.0
Montgomery	459	423	36	388	377	11	84.5	84.4	86.1
Pulaski	88	82	6	68	62	6	77.3	75.6	100.0
Radford	141	135	6	121	117	4	85.8	86.7	66.7
District 5	1,177	861	261	957	711	241	84.8	82.6	92.3
Alleghany	30	23	3	28	26	2	93.3	96.3	66.7
Botetourt	57	54	3	45	42	3	78.9	77.8	100.0
Craig	11	11		8	8		72.7	72.7	
Roanoke	266	252	14	213	202	11	80.1	80.2	78.6
Clifton Forge	9	7	2	9	7	2	100.0	100.0	100.0
Covington	26	21	5	23	18	5	84.6	85.7	80.0
Roanoke City	600	373	227	516	304	212	86.0	81.5	93.4
Salem	123	116	7	111	104	7	90.2	89.7	100.0
District 6	698	574	77	584	519	65	83.9	83.2	90.1
Augusta	239	208	31	193	167	26	80.8	80.3	83.9
Bath	10	9	1	7	6	1	70.0	66.7	100.0
Highland	6	6		4	4		66.7	66.7	
Rockbridge	57	53	4	45	42	3	78.9	79.2	75.0
Rockingham	280	240	40	273	261	12	85.4	84.6	95.0
Buena Vista	21	21		17	17		81.0	81.0	
Harrisonburg	37	36	1	35	34	1	95.6	94.4	100.0
Lexington	19	18	1	16	11	5	84.2	78.6	100.0
Staunton	26	23	3	25	22	3	96.2	95.7	100.0
Waynesboro	21	14	7	20	13	7	95.2	92.9	100.0
District 7	243	234	9	205	197	8	84.4	84.2	88.9
Clarke	16	16		10	10		62.5	62.5	
Frederick	52	50	1	45	44	1	86.5	88.0	50.0
Page	41	41		34	34		82.9	82.9	
Shenandoah	33	33		29	29		87.9	87.9	
Warren	67	64	3	56	53	3	83.6	82.8	100.0
Winchester	34	30	4	31	27	4	91.2	90.0	100.0
District 8	8,405	6,616	1,790	6,988	5,638	1,350	83.2	85.2	75.4
Arlington	934	665	273	769	558	211	82.0	83.9	77.3
Fairfax	4,450	3,665	785	3,736	3,160	576	84.0	86.2	73.4
Loudoun	411	367	44	338	305	33	82.2	83.1	75.0
Prince William	1,235	1,011	224	997	836	161	80.7	82.7	71.9
Alexandria	1,034	617	417	856	525	331	82.8	85.1	79.4
Fairfax City	165	127	38	125	111	14	86.2	87.4	73.8
Falls Church	89	73	16	83	69	14	93.3	94.5	87.5
Manassas	93	84	11	78	70	8	92.1	83.3	72.7
Manassas Park	7	5	2	6	4	2	85.7	80.0	100.0
District 9	457	342	115	368	272	96	80.5	79.5	83.5
Culpeper	124	89	35	90	66	24	72.6	74.2	68.6
Fauquier	165	136	29	142	116	26	86.1	85.3	89.7
Madison	37	28	9	30	22	8	81.1	78.6	88.9
Orange	111	71	40	90	54	36	81.1	76.1	90.0
Rappahannock	20	18	2	16	14	2	80.0	77.8	100.0
District 10	969	690	279	835	587	248	86.2	85.1	88.9
Albemarle	619	474	145	539	409	130	87.1	86.3	89.7
Fluvanna	37	14	23	31	11	20	83.8	78.6	87.0
Greene	42	37	5	34	30	4	81.0	81.1	80.0
Louisa	66	39	27	59	35	24	89.4	89.7	88.9
Nelson	51	32	19	36	20	16	70.6	62.5	84.2
Charlottesville	154	94	60	136	82	54	88.3	87.2	90.0
District 11	830	569	261	658	478	250	79.3	75.2	88.1
Amherst	115	89	26	88	67	21	76.5	75.3	80.8
Appomattox	33	17	16	27	13	14	81.8	76.5	87.5
Bedford	73	56	17	51	37	14	69.9	66.1	82.4
Campbell	148	122	26	111	88	23	75.0	72.1	88.5
Bedford City	34	22	12	27	15	12	79.4	68.2	100.0
Lynchburg	427	263	164	354	208	146	82.9	79.1	89.0

(continued)

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	32,436	21,428	11,008	26,861	17,544	9,317	82.8	81.9	84.6
District 12	798	515	283	473	298	175	59.3	57.9	61.8
Franklin	99	84	15	68	58	10	68.7	69.0	66.7
Henry	227	141	86	125	72	53	55.1	51.1	61.6
Patrick	34	27	7	20	16	4	58.8	59.3	57.1
Pittsylvania	273	169	104	165	101	64	60.4	59.8	61.5
Danville	98	58	40	50	27	23	51.0	46.6	57.5
Martinsville	67	36	31	45	24	21	67.2	66.7	67.7
District 13	281	117	164	194	69	125	69.0	59.0	76.2
Brunswick	49	8	41	41	5	36	83.7	62.5	87.8
Halifax	101	50	51	65	28	37	64.4	56.0	72.5
Mecklenburg	99	44	55	69	29	40	69.7	65.9	72.7
South Boston	32	15	17	19	7	12	59.4	46.7	70.6
District 14	345	160	185	297	135	162	86.1	84.4	87.6
Amelia	33	15	18	31	13	18	93.9	92.9	94.7
Buckingham	31	7	24	31	7	24	100.0	100.0	100.0
Charlotte	51	29	22	36	20	16	70.6	69.0	72.7
Cumberland	31	13	18	22	9	13	71.0	69.2	72.2
Lunenburg	43	21	22	36	15	21	83.7	71.4	95.5
Nottoway	68	30	38	60	28	32	88.2	93.3	84.2
Prince Edward	88	46	42	81	43	38	92.0	93.5	90.5
District 15	5,541	2,844	2,697	5,039	2,523	2,516	90.9	88.7	93.3
Charles City Co.	30		30	30		30	100.0		100.0
Chesterfield	1,082	800	282	920	675	245	85.0	84.4	86.9
Goochland	56	24	32	46	16	30	82.1	66.7	93.8
Hanover	284	225	59	252	196	56	88.7	87.1	94.9
Henrico	1,661	998	663	1,498	896	602	90.2	89.8	90.8
New Kent	55	35	20	46	28	18	83.6	80.0	90.0
Powhatan	46	26	20	39	20	19	84.8	76.9	95.0
Richmond City	2,327	736	1,591	2,208	692	1,516	94.9	94.0	95.3
District 16	753	577	176	632	494	138	83.6	85.6	78.4
Caroline	129	63	66	108	49	59	83.7	77.8	89.4
King George	54	43	11	46	34	12	85.2	82.9	92.3
Spotsylvania	163	146	17	140	126	14	85.9	86.3	82.4
Stafford	198	173	25	171	153	20	87.4	88.4	80.0
Fredericksburg	209	152	57	185	132	53	88.5	86.8	93.0
District 17	191	83	108	159	66	103	88.5	79.5	95.4
Lancaster	39	20	19	34	15	19	87.2	75.0	100.0
Northumberland	37	7	30	34	6	28	91.9	85.7	93.3
Richmond	20	16	4	15	12	3	80.0	75.0	85.7
Westmoreland	95	40	55	77	33	44	90.6	82.5	97.8
District 18	261	172	89	215	138	77	82.4	80.2	86.5
Essex	49	23	26	44	23	21	89.8	85.2	95.5
Gloucester	87	61	26	65	50	15	74.7	74.6	75.0
King and Queen	17	9	8	15	7	8	88.2	77.8	100.0
King William	33	21	12	23	17	6	84.9	85.7	80.6
Mathews	22	20	2	20	18	2	90.9	90.0	100.0
Middlesex	13	22	11	26	17	9	78.8	77.3	81.8
District 19	991	393	598	877	335	537	88.0	85.2	89.8
Dinwiddie	82	34	48	71	29	42	86.6	85.3	87.5
Greensville	65	18	46	60	17	43	93.8	94.4	93.5
Prince George	118	58	60	103	52	51	87.3	89.7	85.0
Surry	34	8	26	17	6	11	70.8	75.0	68.8
Sussex	45	10	35	40	8	32	90.9	80.0	94.1
Colonial Heights	132	109	23	111	91	18	84.1	85.3	78.3
Hopewell	42	6	8	40	2	8	83.3	50.0	100.0
Hopewell	149	81	68	132	87	45	88.6	82.7	95.6
Petersburg	366	71	295	328	61	267	89.6	85.9	90.5
District 20	6,297	3,884	2,413	4,999	3,041	1,958	79.4	78.3	81.1
Isle of Wight	96	56	30	82	39	25	87.5	84.8	90.0
Southampton	44	18	26	36	11	25	81.8	61.1	96.2
Chesapeake	727	425	302	566	319	247	77.9	75.1	81.8
Franklin City	44	22	22	34	17	17	77.3	77.3	77.3
Norfolk	2,017	1,046	971	1,612	835	797	80.9	79.8	82.1
Portsmouth	649	261	388	523	201	322	80.6	77.0	83.0
Suffolk	176	78	98	147	57	90	83.5	73.1	91.8
Virginia Beach	2,544	1,988	556	1,977	1,562	415	77.7	78.6	74.6
District 21	2,687	1,329	1,358	2,380	1,096	1,144	81.1	78.0	86.2
James City Co.	59	41	18	48	32	16	81.4	78.0	88.9
York	131	87	44	117	74	38	85.5	85.1	86.4
Hampton	1,032	443	589	865	337	508	81.9	76.1	86.2
Newport News	1,701	567	834	958	464	517	79.8	77.8	81.5
Poquoson	43	41	2	31	29	2	72.1	70.7	100.0
Williamsburg	221	150	71	186	123	63	84.2	82.0	88.7
District 22	114	45	67	89	36	53	78.1	76.6	79.1
Accomack	72	30	42	57	25	32	79.2	83.3	76.2
Northampton	42	17	25	32	11	21	76.2	64.7	84.0
Unknown	12	9	3	8	6	2			

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	32,436	333	8,041	11,014	6,926	3,758	1,856	415	24	69
District 1	146	2	41	34	30	18	20		1	
Lee	29		8	10	5	4	2			
Scott	25	1	4	4	5	5	6			
Wise	84		28	18	18	9	11			
Norton	8	1	1	2	2		1		1	
District 2	176	1	54	57	33	17	10	2	1	1
Buchanan	56	1	12	16	16	7	3		1	
Dickenson	28		14	7	2	1	3			1
Russell	35		10	15	5	4	1			
Tazewell	57		18	19	10	5	3	2		
District 3	388	2	125	116	64	52	19	8		2
Bland	14		6	4	2		1	1		
Carroll	56		17	17	9	8	2	2		1
Grayson	34		13	9	4	5	2			1
Smyth	46		11	15	8	11	1			
Washington	123	2	42	27	21	20	6	5		
Wythe	77		28	26	15	5	3			
Bristol	25		6	10	4	2	3			
Galax	13		2	8	1	1	1			
District 4	714	2	211	335	114	58	19	5		
Floyd	26		7	3	4	4	2			
Giles	26		12	4	3	3	1	1		
Montgomery	459	2	108	241	72	25	3	4		
Pulaski	88		31	21	21	9	6			
Radford	141		53	66	14	7	1			
District 5	1,122	18	377	339	227	67	54	9	1	
Alleghany	30		10	5	4	2	3			
Botetourt	57	1	20	17	9	5	5			
Craig	11	1	3	1	4	2				
Roanoke	266	4	93	71	55	28	11	3	1	
Clifton Forge	9	1	4	2	1			1		
Covington	28	2	8	4	4	1	6	1		
Roanoke City	600	9	190	193	127	53	24	4		
Salem	121		41	46	23	6	4			
District 6	696	10	213	257	101	78	28	8	1	
Augusta	259	4	70	86	37	28	10	4		
Bath	10		1	3	4	2				
Highland	6		4	1	3	1				
Rockbridge	57		11	16	10	14	4			
Rockingham	260	1	85	106	32	19	10	4	1	
Buena Vista	21	1	8	6	1	4	1			
Harrisonburg	37		14	17	4	1	1			
Lexington	19		1	7	1	2	2			
Staunton	26	1	2	8	6	4				
Waynesboro	21	1	7	7	3	3				
District 7	253		53	76	51	31	24	3		5
Clarke	16		3	4	3	1	5			
Frederick	57		8	17	12	8	5	1		1
Page	51		9	16	6	7	7	1		
Shenandoah	33		10	9	11		3			
Warren	37		17	20	16	10	4			
Winchester	14		6	10	3	5	5	1		4
District 8	8,434	35	1,820	2,715	1,961	1,132	583	199	5	24
Arlington	938	1	147	285	258	152	75	18		2
Fairfax	6,450	15	983	1,402	1,002	609	348	74	4	13
Loudoun	411	4	109	118	96	50	24	8	1	1
Prince William	1,235	10	330	442	252	138	55	6		2
Alexandria	1,036	4	173	354	274	153	58	14		4
Fairfax City	155		38	60	25	9	12			1
Falls Church	89		17	18	29	13	9	3		
Manassas	95	1	22	33	22	8	2	6		1
Manassas Park	7		1	3	1					
District 9	457	8	114	159	92	47	28	9		
Culpeper	124	3	29	43	27	10	8	4		
Fauquier	165	2	37	59	34	22	9	2		
Madison	37	3	12	11	3	4	2	2		
Orange	111		29	40	24	9	8	1		
Rappahannock	20		7	6	4	2	1			
District 10	969	9	228	381	196	92	50	10	1	2
Albemarle	619	4	141	261	112	55	36	7	1	2
Fluvanna	37		12	13	10	2				
Greene	42	1	12	11	8	8	2			
Louisa	66	1	20	18	17	6	3	1		
Nelson	51	1	9	10	14	11	5	1		
Charlottesville	154	2	34	68	35	10	4	1		
District 11	830	14	236	235	180	101	43	18	2	1
Amherst	115	2	40	30	22	14	7			
Appomattox	33	3	11	4	9	3	3			
Bedford	73		20	22	12	13	3	2	1	
Campbell	148	1	50	35	29	17	7	8		1
Bedford City	34		7	8	12	4	3			
Lynchburg	427	8	108	136	96	50	20	8	1	

(continued)

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	32,436	333	8,041	11,014	6,926	3,758	1,856	415	24	69
District 12	798	9	243	239	156	92	43	7	1	8
Franklin	99	1	32	30	14	11	8	2	1	
Henry	227	3	63	77	45	24	11	1		3
Patrick	34		14	8	6	2	2	1		1
Pittsylvania	273	2	90	72	58	39	8	2		2
Danville	98	2	24	34	18	8	10	1		1
Martinsville	67	1	20	18	15	8	4			1
District 13	281	5	78	85	54	39	12	7		1
Brunswick	49		12	17	5	11	4			
Halifax	101	1	31	29	21	14	3	2		
Mecklenburg	99	3	24	31	25	8	3	4		1
South Boston	12		11	8	3	6	2	1		
District 14	315	4	86	120	85	32	21			
Amelia	13		6	9	8	6	2			
Buckingham	31	2	1	8	7	6	1			
Charlotte	51		11	22	10	6	4			
Cumberland	11	1	6	10	10	2	2			
Lunenburg	63		9	13	12	5	4			
Nottoway	58	1	19	20	23	2	3			
Prince Edward	38		24	18	14	1	5			
District 15	5,541	76	1,358	1,867	1,389	630	323	76	6	16
Charles City Co.	10		2	13	9		1			
Chesterfield	1,032	11	338	304	211	127	72	16	2	1
Goochland	56		20	13	12	8	1	1	1	
Hanover	284	1	104	77	49	33	15	4		1
Henrico	1,661	20	387	549	360	195	113	28		9
New Kent	55	1	12	16	12	3	6	2		
Powhatan	46	1	8	18	11	5	3			
Richmond City	2,327	42	477	877	525	259	116	25	3	5
District 16	753	5	195	266	145	86	51	5		2
Caroline	129	1	25	44	18	25	16	1		2
King George	56	1	11	22	12	3	3	1		1
Spotsylvania	163	2	40	57	28	24	11	1		
Stafford	198		61	64	45	12	9	2		
Fredericksburg	209	1	58	77	42	12	12	1		1
District 17	191	3	56	55	37	25	9	7		
Lancaster	39		13	13	6	6	1	1		
Northumberland	37	1	9	11	8	5	2	1		
Richmond	30		9	12	3	3	2	1		
Westmoreland	85	2	25	19	20	10	5	4		
District 18	261	1	67	83	52	34	19	5	1	
Essex	49	1	11	16	8	7	6			
Gloucester	87		26	22	16	16	5	1	1	
King and Queen	17		1	10	5		1			
King William	53		12	17	12	6	4	2		
Mathews	22		5	11	3	2	1			
Middlesex	33		12	7	8	3	2	1		
District 19	991	21	244	347	204	98	66	10	1	
Dinwiddie	82	3	16	30	15	11	7			
Greensville	64	3	16	20	10	10	5			
Prince George	118		29	38	27	14	9	1		
Surry	24		6	9	8	1				
Sussex	44	2	11	9	10	6	5	1		
Colonial Heights	132		42	41	28	11	8	2		
Emporia	12		1	4	5	1	1			
Hopewell	149	1	41	54	33	10	8	2		
Petersburg	366	12	82	142	68	34	23	4	1	
District 20	6,297	71	1,533	2,250	1,357	717	302	59	3	5
Isle of Wight	96	2	22	36	20	11	4	1		
Southampton	44	1	11	17	10	4	1			
Chesapeake	727	9	199	251	126	87	46	9		
Franklin City	44	1	11	14	7	6	5			
Norfolk	2,017	22	443	787	439	228	79	15	1	1
Portsmouth	649	13	180	211	136	78	25	6		
Suffolk	176	1	46	53	42	18	13	3		
Virginia Beach	2,544	22	621	881	577	285	129	25	2	2
District 21	2,687	35	675	959	570	284	129	34		1
James City Co.	59	1	20	18	12	3	5			
York	131	2	44	46	22	9	4	3		1
Hampton	1,032	15	254	391	201	108	51	12		
Newport News	1,201	14	284	409	273	150	55	16		
Poquoson	43		14	18	3	2	5	1		
Williamsburg	221	3	59	77	59	12	9	2		
District 22	114	3	32	36	26	9	3	5		
Accomack	72	2	21	25	14	4	2	4		
Northampton	42	1	11	11	12	5	1	1		
Unknown	12		4	4	3					1

NOTE: Some Abortions That Occurred In Other States For Residents Of Virginia Are Included.

TABLE 33

RESIDENT NATURAL FETAL DEATHS, LENGTH OF GESTATION BY RACE BY CAUSE OF DEATH, VIRGINIA, 1987

Causes of Natural Fetal Deaths	Total			Length of Gestation								
				Less than 20 Weeks			20-27 Weeks			28 Weeks and Over		
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh
ALL CAUSES	7,701	5,292	1,909	6,459	4,852	1,607	384	214	170	358	226	132
Causes and Conditions in Mother	1,015	726	289	983	706	277	30	19	11	2	1	1
Hypertensive disorders	8	5	3	7	5	2	4	3	1	2	1	1
Diseases or infections	1	1					1	1				
Incompetent cervix	5	3	2	4	2	2	1	1				
Premature rupture of membranes	50	27	23	29	16	13	21	11	10			
Ectopic pregnancy	692	462	230	691	461	230	1	1				
Hydatidiform mole	24	19	5	22	17	5	2	2				
Blighted ovum	235	209	26	235	209	26						
Complications of Placenta, Cord and Membranes	192	149	43	72	59	13	31	25	6	89	65	24
Placenta praevia	4	4		3	3		1	1				
Other placental separation and hemorrhage	82	56	26	41	28	13	13	10	3	28	18	10
Other abnormalities of placenta	25	23	2	11	11		6	5	1	8	7	1
Prolapsed cord	18	14	4	4	4		3	3		11	7	4
Other compression of umbilical cord	54	43	11	11	11		7	5	2	36	27	9
Other conditions of umbilical cord	9	9		3	3		1	1		6	6	
Conditions in Fetus	182	118	64	78	54	24	63	36	27	41	28	13
Immaturity	78	44	34	30	18	12	46	25	21	2	1	1
Intrauterine hypoxia and birth asphyxia	65	43	22	32	21	11	5	4	1	28	18	10
Congenital anomalies	37	30	7	16	15	1	11	7	4	10	8	2
Other conditions in fetus	2	1	1				1		1	1	1	
Spontaneous Abortion	4,103	3,124	979	4,016	3,077	939	73	38	35	14	9	5
Ill-defined and unknown causes	1,709	1,175	534	1,310	956	354	187	96	91	212	123	89

TABLE 34 - NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh
STATE OF VIRGINIA	601	343	258	6.7	5.1	11.0
District 1	6	6		5.2	5.3	0.0
Lee	2	2		5.8	5.9	0.0
Scott	1	1		3.9	4.0	0.0
Wise	3	3		5.9	6.0	0.0
Norton				0.0	0.0	0.0
District 2	18	17	1	12.3	11.8	40.0
Buchanan	6	6		16.5	16.6	0.0
Dickenson	3	3		15.2	15.4	0.0
Russell	3	3		8.8	8.9	0.0
Tazewell	6	5	1	10.6	9.1	55.6
District 3	7	6	1	3.5	3.1	15.2
Bland				0.0	0.0	
Carroll	2	2		7.3	7.4	0.0
Grayson				0.0	0.0	0.0
Smyth	1	1		2.7	2.8	0.0
Washington				0.0	0.0	0.0
Wythe	3	2	1	10.5	7.6	66.7
Bristol	1	1		5.8	5.7	0.0
Galax				0.0	0.0	0.0
District 4	6	5	1	3.8	3.6	9.3
Floyd	1	1		9.8	10.4	0.0
Giles	2	2		10.1	10.5	0.0
Montgomery	1	1		1.3	1.4	0.0
Pulaski	2	1	1	5.4	2.9	41.7
Radford				0.0	0.0	0.0
District 5	13	12	1	6.9	6.7	6.0
Alleghany	2	1	1	13.1	6.3	250.0
Botetourt	1	1		10.1	11.0	0.0
Craig				0.0	0.0	
Roanoke				0.0	0.0	0.0
Clifton Forge				0.0	0.0	0.0
Covington				0.0	0.0	0.0
Roanoke City	9	1	2	6.3	6.9	6.7
Salem	1	1		1.3	1.1	0.0
District 6	8	6	2	7.0	7.4	14.8
Augusta	3	3		5.1	5.2	0.0
Bath				0.0	0.0	0.0
Highland				0.0	0.0	
Rockbridge	2		2	9.1	0.0	181.8
Rockingham	3	3		2.6	2.6	0.0
Buena Vista				0.0	0.0	0.0
Harrisonburg				0.0	0.0	0.0
Lexington				0.0	0.0	0.0
Staunton				0.0	0.0	0.0
Waynesboro	2	2		8.0	9.0	0.0
District 7	15	13	2	7.2	6.5	21.1
Clarke				0.0	0.0	0.0
Frederick	5	5		8.6	8.8	0.0
Page	2	2		7.7	7.9	0.0
Shenandoah	1	1		2.7	2.7	0.0
Warren	2	1	1	5.1	2.7	43.5
Winchester	5	4	1	14.8	13.3	27.0
District 8	108	70	38	5.9	3.9	9.5
Arlington	18	10	8	6.3	5.1	10.5
Fairfax	48	32	16	5.2	3.6	7.8
Loudoun	3	3		2.2	2.4	0.0
Prince William	20	14	6	5.7	4.3	10.2
Alexandria	13	6	7	7.3	5.4	12.2
Fairfax City	4	3	1	14.0	12.1	26.3
Falls Church	1	1		8.1	8.8	0.0
Manassas	3	1	2	6.6	2.6	26.3
Manassas Park				0.0	0.0	0.0
District 9	9	7	2	5.7	5.3	7.6
Culpeper	3	1	1	5.2	3.5	10.6
Fauquier	2	1	1	2.9	1.7	11.5
Madison	1	1		20.1	24.8	0.0
Orange				0.0	0.0	0.0
Rappahannock	2	2		26.3	28.2	0.0
District 10	15	12	3	6.2	6.8	4.5
Albemarle	8	8		9.1	10.2	0.0
Fluvanna	1		1	8.3	0.0	22.2
Greene				0.0	0.0	0.0
Louisa	2	1	1	7.0	4.8	13.0
Nelson	1	1		6.3	7.9	0.0
Charlottesville	3	2	1	5.0	5.0	4.9
District 11	16	6	10	5.9	3.0	14.8
Amherst	1		1	2.9	0.0	14.1
Appomattox	2		2	13.2	0.0	43.5
Bedford	3	2	1	5.3	4.0	17.9
Campbell	3	1	2	5.0	2.0	17.1
Bedford City				0.0	0.0	0.0
Lynchburg	7	3	4	7.3	5.0	11.2
District 12	19	12	7	6.2	6.0	6.7
Franklin	3	3		6.6	7.9	0.0
Henry	3	3		3.9	5.3	0.0
Patrick	1	1		5.1	5.7	0.0
Pittsylvania	5	4	1	6.4	8.0	3.6
Danville	7	1	6	11.8	3.8	18.2
Martinsville				0.0	0.0	0.0
District 13	7	2	5	6.9	3.9	10.0
Brunswick				0.0	0.0	0.0
Halifax	3		3	8.1	0.0	18.5
Mecklenburg	4	2	2	11.1	10.6	11.7
South Boston				0.0	0.0	0.0
District 14	7	2	5	6.5	3.6	9.8
Amelia				0.0	0.0	0.0
Buckingham	1		1	5.9	0.0	11.9
Charlotte	1	1		6.2	11.5	0.0
Cumberland	1		1	9.6	0.0	21.3
Lunenburg	2		2	13.6	0.0	31.7
Nottoway				0.0	0.0	0.0
Prince Edward	2	1	1	8.8	11.4	7.2
District 15	51	37	14	8.1	5.1	14.5
Charles City Co.	1		1	11.1	0.0	15.4
Chesterfield	19	15	4	6.2	5.6	10.3
Goochland	1	1		5.2	6.4	0.0
Hanover	3	3		3.7	4.3	0.0
Henrico	20	9	11	6.8	4.0	16.0
New Kent				0.0	0.0	0.0
Powhatan				0.0	0.0	0.0
Richmond City	47	9	38	13.6	8.0	15.9
District 16	21	19	2	9.2	10.2	4.7
Caroline	4	4		15.0	24.2	0.0
King George				0.0	0.0	0.0
Spotsylvania	9	7	2	12.6	11.4	20.2
Stafford	6	6		7.7	8.5	0.0
Fredericksburg	2	2		6.6	9.0	0.0
District 17	7	5	2	5.1	3.6	8.1
Lancaster				0.0	0.0	0.0
Northumberland	2	1	1	16.9	15.9	18.2
Richmond	1		1	13.2	0.0	35.7
Westmoreland				0.0	0.0	0.0
District 18	5	3	2	5.0	3.6	12.1
Essex				0.0	0.0	0.0
Gloucester	4	1	3	8.8	2.5	50.0
King and Queen				0.0	0.0	0.0
King William				0.0	0.0	0.0
Mathews				0.0	0.0	0.0
Middlesex	1	1		10.6	14.5	0.0
District 19	20	5	15	8.4	5.3	12.4
Dinwiddie	2		2	8.1	0.0	22.7
Greensville	1		1	5.7	0.0	9.3
Prince George	2	1	1	6.1	6.5	9.3
Surry	1		1	9.8	0.0	16.9
Sussex	2		2	11.6	0.0	18.2
Colonial Heights	1	1		5.0	5.6	0.0
Emporia				0.0	0.0	0.0
Hopewell	3	1	2	7.7	4.0	14.2
Petersburg	8	2	6	11.7	12.3	11.5
District 20	132	55	77	8.1	6.2	12.1
Isle of Wight	3	3		7.9	8.1	16.8
Southampton	1	1		4.8	10.4	0.0
Chesapeake	15	8	7	6.1	4.7	8.8
Franklin City	3		3	20.7	0.0	36.8
Norfolk	61	14	27	7.3	4.6	10.7
Portsmouth	26	6	20	13.2	6.5	19.1
Suffolk	5	2	3	6.3	5.2	7.2
Virginia Beach	58	43	15	6.5	7.7	12.1
District 21	59	37	22	7.5	6.6	9.0
James City Co.	4	4		11.6	15.1	0.0
York				0.0	0.0	0.0
Hampton	12	4	8	5.2	3.8	9.0
Newport News	29	15	14	9.1	8.1	10.7
Poquoson	2	2		16.5	16.9	0.0
Williamsburg	2	2		7.9	13.0	0.0
District 22	6	3	3	8.9	5.4	9.7
Accomack	2	1	1	6.5	6.0	8.4
Northampton	2	1	1	10.9	12.9	9.7

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1967

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	872	495	377	915	539	376	16.1	8.1	16.0
District 1	5	5		11	11		9.5	9.7	0.0
Lee	1	1		4	4		11.7	11.7	0.0
Scott				2	2		7.9	8.0	0.0
Wise	2	2		4	4		7.9	8.0	0.0
Norton	2	2		1	1		18.5	21.3	0.0
District 2	12	12		22	21	1	15.0	14.6	40.0
Buchanan	5	5		8	8		22.0	22.7	0.0
Dickenson				3	3		15.2	15.4	0.0
Russell	1	1		4	4		11.8	11.9	0.0
Tazewell	6	6		7	6	1	12.4	10.9	55.6
District 3	3	2	1	10	8	2	5.1	5.2	10.1
Bland							0.0	0.0	
Carroll				2	2		7.3	7.4	0.0
Grayson				1	1		5.9	6.0	0.0
Smyth	1		1	2	1	1	5.6	2.8	111.1
Washington				1	1		2.0	2.1	0.0
Wythe	2	2		4	2	1	10.5	7.4	66.7
Bristol				1	1		4.8	5.2	0.0
Galax							0.0	0.0	0.0
District 4	1	1		11	10	1	8.1	6.8	28.0
Floyd				1	1		9.8	10.4	0.0
Giles				1		1			
Montgomery	1	1		4	3	1	15.1	10.5	125.0
Pulaski	1	1		4	3	1	5.1	4.1	18.2
Radford	1	1		1	1		10.4	8.7	41.7
District 5	23	23		25	19	6	8.5	9.6	0.0
Alleghany	1		1	2	1	1	8.1	7.9	11.9
Botetourt				1	1		13.3	4.7	250.0
Craig							10.2	11.0	0.0
Roanoke				1	1		0.0	0.0	
Clifton Forge							3.9	4.0	0.0
Covington							0.0	0.0	0.0
Roanoke City	21	20	1	16	11	5	0.0	0.0	0.0
Salem	1	1		1	1		11.2	10.9	11.8
District 6	11	9	2	11	9	2	3.9	4.1	0.0
Augusta				3	3		5.2	3.8	15.8
Bath							5.1	5.1	0.0
Highland	1	1					0.0	0.0	0.0
Rockbridge				2		2	0.0	0.0	
Rockingham				1	1		9.7	0.0	181.8
Buena Vista							3.9	3.9	0.0
Harrisonburg	6	6		3	3		0.0	0.0	0.0
Lexington	3		3				6.8	7.2	0.0
Staunton							0.0	0.0	0.0
Waynesboro	1	1		1	1		0.0	0.0	0.0
District 7	13	9	4	13	10	3	8.0	9.0	0.0
Clarke							10.5	9.5	31.8
Frederick	1	1		5	5		0.0	0.0	0.0
Page				2	1		8.8	8.8	0.0
Shenandoah	2	2		4	4		7.7	7.9	0.0
Warren	1	1		1	1		10.6	10.8	0.0
Winchester	9	5	4	6	4	2	7.8	5.5	51.5
District 8	121	79	42	101	71	30	11.7	10.9	56.1
Arlington	13	8	5	10	7	3	7.5	8.3	17.4
Fairfax	83	69	14	78	56	22	7.5	8.1	12.3
Loudoun	1	1		3	3		6.8	5.9	10.3
Prince William	1	1		1	1		5.1	4.7	9.8
Alexandria	23	13	10	29	21	8	7.5	6.5	13.5	
Fairfax City	1	1		11	1	10	10.4	6.3	17.5
Falls Church				3	2	1	21.1	20.2	26.3
Manassas	8	8		3	3		8.1	8.8	0.0
Manassas Park				1	1	2	10.7	7.7	26.3
District 9	3	2	1	12	10	2	7.2	7.5	0.0
Culpeper	2	1	1	3	2	1	7.8	7.6	7.8
Fauquier	2	2		4	3	1	5.2	5.5	10.6
Madison				1	1		6.6	5.1	11.1
Orange	1	1		2	2		10.1	26.8	0.0
Rappahannock				2	2		7.2	8.7	0.0
District 10	57	50	10	33	24	9	26.3	28.2	0.0
Albemarle	58	48	10	33	24	9	9.9	10.2	8.1
Fluvanna				1		1	11.6	12.8	0.0
Greene	1	1		2	2		12.5	0.0	44.4
Louisa	1	1		1	1		6.8	7.2	0.0
Nelson				3	2	1	10.5	9.6	11.0
Charlottesville	7	7		2	2		12.7	15.7	0.0
District 11	26	10	15	8	3	1	6.7	7.5	4.9
Amherst	3	3		29	15	15	10.8	7.5	20.2
Appomattox	1		1	3	3		11.5	10.8	12.1
Bedford	1	1		3		3	19.9	0.0	65.2
Campbell	2		2	6	4	2	10.7	7.9	35.7
Bedford City	1	1		4	2	2	9.9	5.1	34.7
Lynchburg	20	7	13	1	1		15.4	7.8	0.0
				9	5	4	9.6	8.3	11.7

(continued)

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987 (continued)

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	872	495	377	915	539	376	10.1	8.1	16.0
District 12	17	8	9	30	18	12	9.8	9.0	11.4
Franklin	3	2	1	5	4	1	10.9	10.5	13.2
Henry	1		1	6	5	1	7.7	8.9	4.7
Patrick	1	1		2	2		10.2	11.4	0.0
Pittsylvania	2	1	1	8	6	2	10.2	12.0	7.1
Danville	7	2	5	8	1	7	13.5	3.8	21.2
Martinsville	3	2	1	1		1	4.0	0.0	7.8
District 13	5	1	4	10	4	6	9.8	7.8	12.0
Brunswick							0.0	0.0	0.0
Halifax	1		1	5	1	4	13.5	4.8	24.7
Mecklenburg	2	1	1	5	3	2	13.9	15.9	11.7
South Boston	2		2				0.0	0.0	0.0
District 14	6	2	4	12	4	8	11.2	7.2	15.7
Amelia	1	1		2	1	1	20.6	14.9	33.3
Buckingham				2	1	1	11.8	11.6	11.9
Charlotte	1	1		1	1		6.2	11.5	0.0
Cumberland				1		1	5.6	0.0	21.3
Lunenburg				2		2	13.4	0.0	31.7
Nottoway	1		1	1		1	6.2	0.0	13.5
Prince Edward	3		3	3	1	2	13.2	11.4	14.6
District 15	171	85	86	123	56	67	11.2	7.8	18.0
Charles City Co.				1		1	11.1	0.0	15.4
Chesterfield	1	1		23	19	4	7.5	7.1	10.3
Goochland				1	1		5.2	6.4	0.0
Hanover	1	1		6	5	1	7.4	7.1	9.2
Henrico	32	19	13	27	14	13	9.2	6.3	18.9
New Kent				2	2		13.6	16.5	0.0
Powhatan							0.0	0.0	0.0
Richmond City	137	64	73	63	15	48	11.9	13.1	20.1
District 16	9	6	3	29	24	5	12.6	12.8	11.8
Caroline				5	5		17.5	30.3	0.0
King George							0.0	0.0	0.0
Spotsylvania	1		1	12	8	4	16.8	13.0	40.4
Stafford				8	7	1	10.3	9.8	15.6
Fredericksburg	8	6	2	4	4		12.7	17.9	0.0
District 17	1		1	3	1	2	5.7	3.6	8.1
Lancaster	1		1				0.0	0.0	0.0
Northumberland				2	1	1	16.9	15.4	18.2
Richmond				1		1	12.2	0.0	35.7
Westmoreland							0.0	0.0	0.0
District 18	1		1	8	4	4	8.0	5.3	16.1
Essex				1	1		9.0	19.2	0.0
Gloucester	1		1	5	1	4	11.0	2.5	66.7
King and Queen							0.0	0.0	0.0
King William				1	1		6.3	8.8	0.0
Mathews							0.0	0.0	0.0
Middlesex				1	1		10.6	14.5	0.0
District 19	15	5	10	24	4	20	12.2	7.7	16.6
Dinwiddie				2		2	8.1	0.0	22.7
Greensville	2	1	1	2	1	1	11.4	14.5	9.3
Prince George	1	1		4	3	1	12.2	13.6	9.3
Surry				1		1	9.8	0.0	16.9
Sussex	1	1		3	1	2	17.4	16.1	18.2
Colonial Heights				1	1		5.0	5.6	0.0
Emporia	1	1					0.0	0.0	0.0
Hopewell	2		2	4	1	3	10.3	4.0	21.3
Petersburg	8	1	7	12	2	10	17.5	12.3	19.2
District 20	291	152	139	243	124	119	13.2	10.3	18.7
Isle of Wight				4	2	2	10.6	8.2	14.8
Southampton	1		1	2	1	1	9.6	10.4	8.9
Chesapeake	11	8	3	21	11	10	8.5	6.5	12.6
Franklin City	3	1	2	3		3	20.7	0.0	36.6
Norfolk	187	96	91	86	34	52	15.4	11.1	20.5
Portsmouth	53	23	30	35	10	25	17.7	10.8	23.9
Suffolk	5	2	3	10	5	5	12.5	13.1	12.0
Virginia Beach	31	22	9	82	61	21	12.0	10.9	16.9
District 21	53	19	34	83	42	41	12.7	10.3	16.8
James City Co.	1	1		5	5		14.5	18.9	0.0
York				1	1		3.1	3.8	0.0
Hampton	18	5	13	20	9	11	8.7	6.4	12.4
Newport News	31	12	19	52	22	30	16.4	11.8	22.9
Poquoson				2	2		16.5	16.9	0.0
Williamsburg	3	1	2	3	3		11.8	19.5	0.0
District 22	3	1	2	5	1	4	8.0	3.4	12.2
Accomack				3		3	5.8	0.0	13.4
Northampton	3	1	2	2	1	1	10.9	12.5	9.7

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	511	288	223	358	226	132	9.6	7.7	15.1
District 1	6	6		4	4		8.6	8.7	0.0
Lee	2	2		2	2		11.6	11.7	0.0
Scott	1	1					3.9	4.0	0.0
Wise	3	3		2	2		9.8	10.0	0.0
Norton							0.0	0.0	0.0
District 2	18	15	3	10	9	1	17.6	16.5	76.9
Buchanan	6	6		2	2		21.9	22.0	0.0
Dickenson	2	2		1	1		15.2	15.3	0.0
Russell	3	3		2	2		14.6	14.7	0.0
Tazewell	5	4	1	5	4	1	17.5	14.5	105.3
District 3	8	5	3	2	2		14.6	6.3	15.2
Bland							0.0	0.0	
Carroll	3	3		2	2		10.9	11.0	0.0
Grayson							0.0	0.0	0.0
Smyth	3	3		2	2		8.0	8.2	0.0
Washington				1	1		6.0	6.1	0.0
Wythe	3	2	1				10.5	7.4	66.7
Bristol	1	1					4.8	5.2	0.0
Galax							0.0	0.0	0.0
District 4	8	5	3	2	2		5.1	4.8	9.3
Floyd	1	1		1	1		19.4	20.6	0.0
Giles	2	2					10.1	10.5	0.0
Montgomery	3	1	2	1	1		2.5	2.7	0.0
Pulaski	2	1	1				5.4	2.9	41.7
Radford							0.0	0.0	0.0
District 5	14	11	3	14	13	1	9.1	9.3	7.9
Alleghany	2	1	1	2	2		25.8	19.9	250.0
Botetourt	3	2	1	3	3		17.7	18.2	0.0
Clifton Forge							0.0	0.0	
Covington							2.6	2.7	0.0
Craig							0.0	0.0	0.0
Roanoke							0.0	0.0	0.0
Roanoke City	9	7	2	6	5	1	10.4	11.8	7.1
Salem	1	1		1	1		7.7	8.3	0.0
District 6	8	6	2	18	14	4	9.8	8.0	43.2
Augusta	7	5	2	7	7		13.8	14.1	0.0
Bath							0.0	0.0	0.0
Highland							0.0	0.0	
Rockbridge	1		1	4	3	1	19.2	5.1	250.0
Rockingham	7	6		5	3		6.5	6.6	0.0
Buena Vista							0.0	0.0	0.0
Harrisonburg				3	2	1	10.0	7.2	50.0
Lexington				1		1	23.8	0.0	200.0
Staunton				1	1		3.8	4.5	0.0
Waynesboro	2	1	1	1		1	12.0	9.0	34.5
District 7	15	12	2	15	14	1	13.8	13.0	31.3
Clarke				2	2		14.0	15.4	0.0
Frederick	5	5					8.6	8.8	0.0
Page	2	2					7.7	7.9	0.0
Shenandoah				8	8		20.8	21.2	0.0
Warren	2	1	1	3	3		12.6	10.7	43.5
Winchester	5	4	1	2	1	1	20.6	16.6	52.6
District 8	88	57	31	67	49	18	7.0	5.9	12.1
Arlington	14	8	6	13	12	1	10.5	10.0	12.2
Fairfax	43	30	13	28	19	9	6.1	5.2	10.7
Loudoun	3	3		3	2	1	4.3	3.9	8.7
Prince William	15	10	5	12	9	3	7.0	5.8	13.5
Alexandria	9	4	5	8	5	3	10.0	8.1	13.9
Fairfax City	1	1		1	1		7.0	8.1	0.0
Falls Church							0.0	0.0	0.0
Manassas	3	1	2	2	1	1	10.7	5.1	39.0
Manassas Park							0.0	0.0	0.0
District 9	9	7	2	9	6	3	11.4	9.9	18.8
Culpeper	2	1	1	3	2	1	13.0	10.3	21.1
Fauquier	2	1	1	3	2	1	7.3	5.0	22.7
Madison	3	3		1	1		26.7	32.8	0.0
Orange				1		1	3.6	0.0	20.0
Rappahannock	2	2		1	1		39.0	41.7	0.0
District 10	14	12	2	10	4	6	10.7	9.0	17.1
Albemarle	8	8		3	2	1	12.5	12.8	10.3
Fluvanna	1		1				6.3	0.0	22.2
Greene							0.0	0.0	0.0
Louisa	1	1		2		2	10.5	4.8	25.3
Nelson	1	1		1		1	12.6	7.9	31.3
Charlottesville	3	2	1	4	2	2	11.6	10.0	14.6
District 11	13	5	8	12	7	5	9.3	5.9	19.1
Amherst				2	2		5.7	7.2	0.0
Appomattox	2		2	2	2		26.1	18.7	43.5
Bedford	2	1	1				3.6	2.0	17.9
Campbell	2	1	1	3	2	1	8.2	6.1	16.9
Bedford City				1		1	15.2	0.0	33.3
Lynchburg	7	3	4	4	1	3	11.4	6.7	19.4

(continued)

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	511	288	223	358	226	132	9.6	7.7	15.1
District 12	18	11	7	16	5	11	11.1	8.0	17.0
Franklin	3	3		3	1	2	13.0	10.5	25.6
Henry	3	3		5	2	3	10.2	8.8	13.8
Patrick	1	1		2	2		15.2	16.9	0.0
Pittsylvania	5	4	1	3		3	10.2	8.0	14.1
Danville	6		6	3		3	15.1	0.0	27.0
Martinsville							0.0	0.0	0.0
District 13	5	2	3	6	6		10.7	15.3	6.0
Brunswick				1	1		5.0	12.8	0.0
Halifax	2		2	2	2		10.7	9.5	12.3
Mecklenburg	3	2	1	3	3		16.5	26.0	5.8
South Boston							0.0	0.0	0.0
District 14	6	1	5	7	2	5	12.1	5.4	19.4
Amelia							0.0	0.0	0.0
Buckingham	1		1	1		1	11.7	0.0	23.5
Charlotte				1	1		6.2	11.4	0.0
Cumberland	1		1				9.6	0.0	21.3
Lunenburg	2		2	3	1	2	32.9	11.5	61.5
Nottoway				1		1	6.2	0.0	13.3
Prince Edward	2	1	1	1		1	13.2	11.4	14.3
District 15	82	31	51	37	17	20	10.8	6.6	18.9
Charles City Co.	1		1				11.1	0.0	15.4
Chesterfield	18	12	6	6	6		7.1	6.7	10.3
Goochland	1	1		1	1		10.3	12.7	0.0
Hanover	4	2	2	1	1		3.7	4.2	0.0
Henrico	20	9	11	9	6	3	9.9	6.7	20.2
New Kent							0.0	0.0	0.0
Powhatan							0.0	0.0	0.0
Richmond City	42	7	35	20	3	17	17.5	8.9	21.6
District 16	17	15	2	14	12	2	13.4	14.3	9.4
Caroline	4	3	1	2	1	1	20.9	30.1	8.3
King George				1	1		4.8	6.4	0.0
Spotsylvania	7	5	2	3	2	1	14.0	11.4	30.0
Stafford	4	4		4	4		10.2	11.2	0.0
Fredericksburg	2	2		4	4		18.9	26.4	0.0
District 17	3		3	1		1	5.7	0.0	12.0
Lancaster							0.0	0.0	0.0
Northumberland	1		1				8.5	0.0	18.2
Richmond	1		1				12.2	0.0	35.7
Westmoreland				1		1	5.0	0.0	10.3
District 18	3		3	6	5	1	8.9	6.6	16.1
Essex							0.0	0.0	0.0
Gloucester	3		3	2	2		10.9	5.0	50.0
King and Queen				2	2		21.5	39.2	0.0
King William				1		1	6.2	0.0	20.8
Mathews							0.0	0.0	0.0
Middlesex				1	1		10.5	14.3	0.0
District 19	18	5	13	13	4	9	13.0	7.7	18.1
Dinwiddie	2		2				8.1	0.0	22.7
Greensville				1	1		5.6	14.3	0.0
Prince George	2	1	1	1		1	9.1	4.5	18.3
Surry	1		1	1	1		19.4	22.7	16.9
Sussex	2		2	1		1	17.3	0.0	27.0
Colonial Heights	1	1					5.0	5.6	0.0
Emporia							0.0	0.0	0.0
Hopewell	2	1	1	4	2	2	15.3	12.0	21.0
Petersburg	8	2	6	5		5	18.9	12.3	20.9
District 20	124	60	64	61	35	26	10.0	7.9	14.1
Isle of Wight	2		2	1	1		7.9	4.1	14.8
Southampton							0.0	0.0	0.0
Chesapeake	14	7	7	9	4	5	9.2	6.5	15.0
Franklin City	2		2				13.8	0.0	24.4
Norfolk	31	9	22	17	7	10	8.5	5.2	12.6
Portsmouth	21	6	15	11	7	4	16.1	13.9	18.1
Suffolk	5	2	3	1		1	7.5	5.2	9.6
Virginia Beach	49	36	13	22	16	6	10.4	9.3	15.2
District 21	39	21	18	29	11	18	10.4	7.8	14.6
James City Co.	3	3		1	1		11.6	15.0	0.0
York				1	1		3.1	3.8	0.0
Hampton	11	4	7	11	3	8	9.5	4.9	16.8
Newport News	22	11	11	14	5	9	11.3	8.6	15.2
Poquoson	1	1					8.3	8.5	0.0
Williamsburg	2	2		2	1	1	15.6	19.4	9.9
District 22	3	1	2				4.8	3.4	6.1
Accomack	1		1				2.3	0.0	4.5
Northampton	2	1	1				10.9	12.5	9.7

Perinatal Rate = $\frac{\text{Infant Deaths Under One Week \& Fetal Deaths 28 Weeks and Over}}{\text{Live Births \& Fetal Deaths 28 Weeks and Over}} \times 1,000$

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1987

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	915	298	241	232	144	1,013.1	868.1	740.2	1,934.3	1,259.3
Certain intestinal infections (008-009)	2	2				2.2	5.8	0.0	0.0	0.0
Whooping cough (033)						0.0	0.0	0.0	0.0	0.0
Meningococcal infections (036)						0.0	0.0	0.0	0.0	0.0
Septicemia (038)	6	3	1	2		6.6	8.7	3.1	16.7	0.0
Viral diseases (045-079)	2		1	1		2.2	0.0	3.1	8.3	0.0
Congenital syphilis (090)						0.0	0.0	0.0	0.0	0.0
Other infectious and parasitic diseases (Residual of 001-139)	2		1	1		2.2	0.0	3.1	8.3	0.0
Malignant neoplasms (140-208)	5	3	2			5.5	8.7	6.1	0.0	0.0
Benign neoplasms and neoplasms of unspecified nature (210-239)	3		3			3.3	0.0	9.2	0.0	0.0
Diseases of thymus gland (254)						0.0	0.0	0.0	0.0	0.0
Cystic fibrosis (277.0)						0.0	0.0	0.0	0.0	0.0
Diseases of blood and blood-forming organs (280-289)						0.0	0.0	0.0	0.0	0.0
Meningitis (320-322)	4			3	1	4.4	0.0	0.0	25.0	8.7
Other diseases of nervous system and sense organs (323-389)	8	2	4	2		8.9	5.8	12.3	16.7	0.0
Acute upper respiratory infections (460-465)	1				1	1.1	0.0	0.0	0.0	8.7
Bronchitis and bronchiolitis (466,490-491)	3		2	1		3.3	0.0	6.1	8.3	0.0
Pneumonia and Influenza (480-487)	7	1	3	2	1	7.8	2.9	9.2	16.7	8.7
Pneumonia (480-486)	7	1	3	2	1	7.8	2.9	9.2	16.7	8.7
Influenza (487)						0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (470-478,492-519)	11	3	4		4	12.2	8.7	12.3	0.0	35.0
Hernia and intestinal obstruction (550-553,560)	4		2	2		4.4	0.0	6.1	16.7	0.0
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2		1	1		2.2	0.0	3.1	8.3	0.0
Other diseases of digestive system (520-534,536-543,562-579)	5	1	1	3		5.5	2.9	3.1	25.0	0.0
Congenital Anomalies (740-759)	198	64	78	33	23	219.2	186.4	239.6	275.1	201.1
Anencephalus (740)	12	7	4		1	13.3	20.4	12.3	0.0	8.7
Spina bifida (741)	3		1	2		3.3	0.0	3.1	16.7	0.0
Congenital hydrocephalus (742.3)	5		3	1	1	5.5	0.0	9.2	8.3	8.7
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8	1	6		1	8.9	2.9	18.4	0.0	8.7
Anomalies of heart (745-746)	65	17	32	7	9	72.0	49.5	98.3	58.4	78.7
Other anomalies of circulatory system (747)	16	4	5	4	3	17.7	11.7	15.4	33.4	26.2
Anomalies of respiratory system (748)	28	8	6	11	3	31.0	23.3	18.4	91.7	26.2
Anomalies of digestive system (749-751)	3	1	2			3.3	2.9	6.1	0.0	0.0
Anomalies of genitourinary system (752-753)	10	8	2			11.1	23.3	6.1	0.0	0.0
Anomalies of musculoskeletal system (754-756)	14	6	5	2	1	15.5	17.5	15.4	16.7	8.7
Down's syndrome (758.0)	2			1	1	2.2	0.0	0.0	8.3	8.7
Other chromosomal anomalies (758.1-758.9)	13	5	5	2	1	14.4	14.6	15.4	16.7	8.7
Other and unspecified anomalies (744,757,759)	19	7	7	3	2	21.0	20.4	21.5	25.0	17.5

(continued)

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1987

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	915	298	241	232	144	1,013.1	868.1	740.2	1,934.3	1,259.3
Certain Conditions Originating in the Perinatal Period (760-779)	431	140	86	125	80	477.2	407.8	264.1	1,042.2	699.6
Maternal conditions unrelated to present pregnancy (760)	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Maternal complications of pregnancy (761)	51	17	16	11	7	56.5	49.5	49.1	91.7	61.2
Complications of placenta, cord, and membranes (762)	19	8	1	7	3	21.0	23.3	3.1	58.4	26.2
Other complications of labor and delivery (763)	1			1		1.1	0.0	0.0	8.3	0.0
Slow fetal growth and fetal malnutrition (764)										
Disorders relating to short gestation and low birth weight (765)	93	22	12	35	24	103.0	64.1	36.9	291.8	209.9
Disorders relating to long gestation and high birth weight (766)	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Birth trauma (767)	6	2	1	2	1	6.6	5.8	3.1	16.7	8.7
Intrauterine Hypoxia and Birth Asphyxia (768)	13	5	3	4	1	14.4	14.6	9.2	33.4	8.7
Fetal distress in liveborn infant (768.2-768.4)	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Birth asphyxia (768.5-768.9)	13	5	3	4	1	14.4	14.6	9.2	33.4	8.7
Respiratory distress syndrome (769)	51	24	9	12	6	56.5	69.9	27.6	100.1	52.5
Other respiratory conditions (770)	92	33	19	22	18	101.9	96.1	58.4	183.4	157.4
Infections specific to perinatal period (771)	15	7	3	5		16.6	20.4	9.2	41.7	0.0
Neonatal hemorrhage (772)	5	2	1		2	5.5	5.8	3.1	0.0	17.5
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1				1	1.1	0.0	0.0	0.0	8.7
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)										
Hemorrhagic disease (776.0)	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	1	1				1.1	2.9	0.0	0.0	0.0
	83	19	21	26	17	91.9	55.4	64.5	216.8	148.7
Symptoms and Ill-defined Conditions (780-799)	139	52	26	38	23	153.9	151.5	79.9	316.8	201.1
Sudden infant death syndrome (798.0)	131	47	26	36	22	145.0	136.9	79.9	300.2	192.4
Symptoms and all ill-defined conditions (780-797,798.1-799)	8	5		2	1	8.9	14.6	0.0	16.7	8.7
Accidents (E800-E949)	19	5	8	5	1	21.0	14.6	24.6	41.7	8.7
Motor vehicle (E810-E825)	2		1	1		2.2	0.0	3.1	8.3	0.0
Inhalation or ingestion of food or object (E911-E912)	3		2	1		3.3	0.0	6.1	8.3	0.0
Mechanical suffocation (E913)	5		2	2	1	5.5	0.0	6.1	16.7	8.7
Other accidents (Residual of E800-E949)	9	5	3	1		10.0	14.6	9.2	8.3	0.0
Homicide (E960-E969)	12	1	2	4	5	13.3	2.9	6.1	33.4	43.7
Child battering and other maltreatment (E967)	6		1	3	2	6.6	0.0	3.1	25.0	17.5
Other homicide (E960-E966,E968-E969)	6	1	1	1	3	6.6	2.9	3.1	8.3	26.2
All other causes	51	21	16	9	5	56.5	61.2	46.6	75.0	43.7

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1987

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	915	378	133	41	29	20	601	69	61	112	43	29
Certain intestinal infections (008-009)	2							1	1			
Whooping cough (033)												
Meningococcal infections (036)												
Septicemia (038)	6									4	2	
Viral diseases (045-079)	2							1			1	
Congenital syphilis (090)												
Other infectious and parasitic diseases (Residual of 001-139)	2									1	1	
Malignant neoplasms (140-208)	5									3	1	1
Benign neoplasms and neoplasms of unspecified nature (210-239)	3	1		1			2			1		
Diseases of thymus gland (254)												
Cystic fibrosis (277.0)												
Diseases of blood and blood-forming organs (280-289)												
Meningitis (320-322)	4			1			1	1	1			1
Other diseases of nervous system and sense organs (323-389)	8			1		1	2	1		1	3	1
Acute upper respiratory infections (460-465)	1							1				
Bronchitis and bronchiolitis (466,490-491)	3								1	2		
Pneumonia and Influenza (480-487)	7			1		2	3			3		1
Pneumonia (480-486)	7			1		2	3			3		1
Influenza (487)												
Other diseases of respiratory system (470-478,492-519)	11							3	3	3		2
Hernia and intestinal obstruction (550-553,560)	4				2		2		1	1		
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	2							1		1		
Other diseases of digestive system (520-534,536-543,562-579)	5	1					1		1	2	1	
Congenital Anomalies (740-759)	198	66	53	19	6	6	150	12	6	21	5	4
Anencephalus (740)	12	10	2				12					
Spina bifida (741)	3	1				1	2			1		
Congenital hydrocephalus (742.3)	5	3		1	1		5					
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8	3	2	1			6	2				
Anomalies of heart (745-746)	65	5	17	9	4	2	37	6	4	12	3	3
Other anomalies of circulatory system (747)	16	2	6	5			13			3		
Anomalies of respiratory system (748)	28	16	10	2			28					
Anomalies of digestive system (749-751)	3									2	1	
Anomalies of genitourinary system (752-753)	10	9	1				10					
Anomalies of musculoskeletal system (754-756)	14	7	4	1			12	1	1			
Down's syndrome (758.0)	2								1		1	
Other chromosomal anomalies (758.1-758.9)	13	1	7		1	2	11	1		1		
Other and unspecified anomalies (744,757,759)	19	9	4			1	14	2		2		1

(continued)

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1987 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	915	378	133	41	29	20	601	69	61	112	43	29
Certain Conditions Originating in the Perinatal Period (760-779)	431	300	72	13	17	7	409	4	2	8	6	2
Maternal conditions unrelated to present pregnancy (760)												
Maternal complications of pregnancy (761)	51	50					50			1		
Complications of placenta, cord, and membranes (762)	19	19					19					
Other complications of labor and delivery (763)	1	1					1					
Slow fetal growth and fetal malnutrition (764)												
Disorders relating to short gestation and low birth weight (765)	93	86	4				90	1	1	1		
Disorders relating to long gestation and high birth weight (766)												
Birth trauma (767)	6	2	2		1		5		1			
Intrauterine Hypoxia and Birth Asphyxia (768)	13	4	6	1		1	12	1				
Fetal distress in liveborn infant (768.2-768.4)												
Birth asphyxia (768.5-768.9)	13	4	6	1		1	12	1				
Respiratory distress syndrome (769)	51	18	24	5	1	1	49	1			1	
Other respiratory conditions (770)	92	48	20	4	6	2	80	1		5	4	2
Infections specific to perinatal period (771)	15	4	4	1	3	1	13			1	1	
Neonatal hemorrhage (772)	5	1	3	1			5					
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1				1		1					
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)												
Hemorrhagic disease (776.0)	1		1				1					
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	83	67	8	1	5	2	83					
Symptoms and Ill-defined Conditions (780-799)	139	5	3	2	2	3	15	28	38	46	9	3
Sudden infant death syndrome (798.0)	131		3	2	2	3	10	28	38	43	9	3
Symptoms and all ill-defined conditions (780-797,798.1-799)	8	5					5			3		
Accidents (E800-E949)	19	1		1			2	5		2	4	6
Motor vehicle (E810-E825)	2			1			1	1				
Inhalation or ingestion of food or object (E911-E912)	3							1				2
Mechanical suffocation (E913)	5	1					1	1		1	2	
Other accidents (Residual of E800-E949)	9							2		1	2	4
Homicide (E960-E969)	12	3				1	4	1	2	1	2	2
Child battering and other maltreatment (E967)	6							1	1	1	2	1
Other homicide (E960-E966,E968-E969)	6	3				1	4		1			1
All other causes	51	1	5	2	2		10	10	5	12	8	6

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	46,012	35,516	10,496	46,618	36,163	10,455	7.9	7.8	8.3
District 1	686	675	11	976	960	16	9.2	9.2	9.4
Lee	183	183		271	268	3	9.7	9.6	18.6
Scott	72	72		245	242	3	9.5	9.4	16.3
Wise	245	237	8	412	404	8	8.7	8.7	7.6
Norton	186	183	3	48	46	2	9.7	9.9	6.5
District 2	782	773	9	1,101	1,075	26	7.4	7.4	11.8
Buchanan	197	197		248	247	1	6.3	6.3	5.5
Dickenson	82	82		156	154	2	7.4	7.3	14.4
Russell	162	162		256	256		7.6	7.6	0.0
Tazewell	341	332	9	441	418	23	8.3	8.1	15.0
District 3	1,535	1,485	50	1,929	1,864	65	10.2	10.2	12.5
Bland	13	13		59	59		8.6	8.9	0.0
Carroll	96	96		282	281	1	9.8	9.9	6.8
Grayson	43	40	3	153	144	9	8.9	8.7	15.1
Smyth	348	341	7	355	350	5	10.4	10.4	7.3
Washington	413	398	15	492	476	16	10.0	9.8	17.2
Wythe	248	237	11	279	261	18	10.5	10.2	17.8
Bristol	100	96	4	218	206	12	11.8	11.9	9.7
Galax	274	264	10	91	87	4	13.0	13.1	11.3
District 4	950	911	39	1,145	1,089	56	7.7	7.6	8.5
Floyd	63	62	1	142	135	7	11.5	11.2	20.0
Giles	130	128	2	169	165	4	9.3	9.3	9.6
Montgomery	292	279	13	391	372	19	5.7	5.7	7.1
Pulaski	262	247	15	339	321	18	9.3	9.4	8.7
Radford	203	195	8	104	96	8	7.4	7.4	7.5
District 5	3,500	3,058	442	2,720	2,372	348	10.4	10.4	11.0
Alleghany	236	215	21	145	137	8	9.9	9.6	19.0
Botetourt	69	60	9	181	170	11	7.2	7.0	13.4
Craig	11	11		41	41		9.6	9.6	0.0
Roanoke	392	366	26	681	654	27	8.7	8.5	12.7
Clifton Forge	77	71	6	94	82	12	18.2	19.1	13.8
Covington	18	15	3	94	78	16	11.8	11.6	13.0
Roanoke City	1,658	1,419	239	1,234	980	254	12.3	13.1	10.1
Salem	1,039	901	138	250	230	20	10.2	9.8	17.5
District 6	1,887	1,771	116	1,993	1,872	121	9.1	8.9	11.2
Augusta	89	86	3	376	362	14	7.2	7.3	6.8
Bath	41	39	2	65	62	3	11.6	12.1	5.9
Highland	14	14		43	43		13.7	13.8	0.0
Rockbridge	66	62	4	183	174	9	9.8	9.6	17.8
Rockingham	196	195	1	510	503	7	9.1	9.1	6.4
Buena Vista	36	35	1	85	80	5	12.2	12.0	16.9
Harrisonburg	639	616	23	192	183	9	7.0	6.9	7.9
Lexington	133	115	18	63	49	14	9.2	7.9	19.7
Staunton	365	324	41	269	226	43	10.8	10.2	15.5
Waynesboro	308	285	23	207	190	17	11.1	11.2	9.9
District 7	1,465	1,385	80	1,431	1,355	76	9.9	9.8	11.8
Clarke	64	60	4	128	113	15	12.0	11.9	13.7
Frederick	83	82	1	277	268	9	7.1	7.0	14.2
Page	137	131	6	208	201	7	10.0	9.9	11.8
Shenandoah	262	257	5	310	307	3	10.3	10.4	6.3
Warren	213	192	21	240	216	24	10.1	9.7	16.8
Winchester	706	663	43	268	250	18	12.6	13.2	8.1
District 8	5,889	5,166	723	6,351	5,570	781	5.0	5.3	3.8
Arlington	1,598	1,414	184	1,157	1,032	125	7.5	8.6	3.5
Fairfax	2,304	2,081	223	2,994	2,709	285	4.3	4.6	2.8
Loudoun	334	308	26	415	370	45	6.1	6.0	7.1
Prince William	305	257	48	573	498	75	3.2	3.2	3.6
Alexandria	851	660	191	843	632	211	7.8	8.9	5.7
Fairfax City	170	162	8	133	124	9	6.4	6.5	4.7
Falls Church	15	13	2	64	62	2	6.6	7.2	2.0
Manassas	312	271	41	144	116	28	7.3	6.6	12.6
Manassas Park				28	27	1	4.0	4.2	1.8
District 9	794	672	122	1,011	846	165	9.7	9.7	9.7
Culpeper	252	205	47	246	197	49	10.0	10.1	9.7
Fauquier	350	295	55	376	311	65	8.8	8.5	10.9
Madison	68	63	5	115	101	14	10.5	11.2	7.2
Orange	105	91	14	216	186	30	10.8	11.3	8.5
Rappahannock	19	18	1	58	51	7	9.3	9.0	12.4
District 10	1,735	1,362	373	1,244	958	286	7.8	7.3	10.0
Albemarle	1,038	802	236	376	309	67	5.8	5.4	8.7
Fluvanna	35	24	11	93	63	30	8.3	7.8	9.4
Greene	27	26	1	79	69	10	8.7	8.2	14.9
Louisa	97	68	29	190	135	55	9.6	9.9	9.1
Nelson	64	48	16	134	99	35	10.7	9.8	14.4
Charlottesville	474	394	80	372	283	89	9.0	8.6	10.4
District 11	1,909	1,512	397	1,982	1,572	410	9.5	9.3	10.4
Amherst	116	98	18	250	190	60	8.3	8.0	9.6
Appomattox	58	47	11	146	119	27	11.3	11.9	9.2
Bedford	111	98	13	341	287	54	8.3	7.6	14.6
Campbell	123	91	32	341	271	70	7.0	6.5	10.0
Bedford City	188	160	28	123	107	16	19.1	21.0	12.0
Lynchburg	1,313	1,018	295	781	598	183	11.2	11.6	10.0

(continued)

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	46,012	35,516	10,496	46,618	36,163	10,455	7.9	7.8	8.3
District 12	2,145	1,622	523	2,385	1,822	563	9.7	9.8	9.2
Franklin	227	201	26	313	278	35	8.1	8.2	7.5
Henry	121	98	23	440	358	82	7.6	8.1	5.9
Patrick	116	111	5	156	146	10	8.6	8.7	6.9
Pittsylvania	211	145	66	643	460	183	9.5	9.4	9.6
Danville	1,005	727	278	602	438	164	13.3	14.9	10.5
Martinsville	465	340	125	231	142	89	12.1	11.2	13.9
District 13	840	539	301	1,005	612	393	11.9	12.7	11.0
Brunswick	52	21	31	187	84	103	11.6	12.3	11.1
Halifax	115	77	38	318	209	109	10.3	11.2	9.0
Mecklenburg	353	226	127	393	243	150	13.1	13.2	13.1
South Boston	320	215	105	107	76	31	14.5	17.0	10.6
District 14	579	353	226	982	588	394	11.4	11.1	11.8
Amelia	33	16	17	93	48	45	10.4	8.0	15.2
Buckingham	50	30	20	128	80	48	10.4	11.3	9.1
Charlotte	52	32	20	141	92	49	12.1	12.3	11.7
Cumberland	24	11	13	98	51	47	11.7	10.5	13.2
Lunenburg	44	29	15	152	97	55	12.4	12.4	12.4
Nottoway	121	65	56	189	116	73	12.6	13.0	12.0
Prince Edward	255	170	85	181	104	77	10.2	9.4	11.3
District 15	7,146	4,925	2,221	5,991	4,203	1,788	8.5	8.4	8.7
Charles City Co.	26	8	18	56	20	36	8.2	14.9	6.5
Chesterfield	552	466	86	861	750	111	4.7	4.5	6.1
Goochland	34	20	14	97	59	38	7.4	6.5	9.1
Hanover	139	114	25	437	365	72	7.6	7.2	11.0
Henrico	1,932	1,639	293	1,726	1,507	219	8.6	9.5	5.4
New Kent	20	15	5	66	50	16	6.1	5.9	6.7
Powhatan	26	23	3	84	69	15	5.6	5.8	4.5
Richmond City	4,417	2,640	1,777	2,664	1,383	1,281	12.3	15.1	10.3
District 16	965	786	179	1,059	842	217	7.2	6.9	8.8
Caroline	77	47	25	180	110	70	9.1	9.6	8.4
King George	64	46	18	108	77	31	8.9	8.3	11.0
Spotsylvania	134	118	16	295	253	42	6.9	6.9	7.5
Stafford	98	91	7	260	239	21	5.0	5.0	5.5
Fredericksburg	597	484	113	216	163	53	10.9	10.3	12.9
District 17	395	272	123	566	396	170	13.0	13.6	11.8
Lancaster	197	151	46	150	110	40	13.1	14.1	10.9
Northumberland	66	41	25	144	98	46	14.1	14.1	13.9
Richmond	63	39	24	81	58	23	11.1	11.2	11.0
Westmoreland	69	41	28	191	130	61	13.2	14.3	11.5
District 18	570	395	175	768	532	236	10.8	10.0	13.5
Essex	155	90	65	121	75	46	13.2	13.9	12.2
Gloucester	261	197	64	231	181	50	8.5	7.7	14.2
King and Queen	27	18	9	78	40	38	12.0	11.2	13.0
King William	26	17	9	97	57	40	9.2	8.2	11.2
Mathews	31	28	3	106	93	13	11.7	12.1	9.3
Middlesex	70	45	25	135	86	49	15.6	13.6	21.3
District 19	1,483	897	586	1,579	946	633	9.7	10.1	9.0
Dinwiddie	89	54	35	175	104	71	8.0	7.5	8.9
Greensville	26	11	15	98	48	50	9.0	10.5	8.0
Prince George	77	56	21	117	81	36	4.2	4.4	3.7
Surry	20	9	11	72	34	38	11.4	13.4	10.1
Sussex	30	15	15	126	57	69	12.4	13.0	11.9
Colonial Heights	52	49	3	161	158	3	9.3	9.3	11.6
Emporia	234	101	133	95	50	45	20.3	18.6	22.5
Hopewell	307	238	69	242	189	53	9.9	10.1	9.2
Petersburg	648	364	284	493	225	268	12.4	19.9	9.4
District 20	7,123	4,609	2,514	6,999	4,448	2,551	7.3	6.8	8.4
Isle of Wight	60	40	20	180	108	72	7.6	7.2	8.4
Southampton	41	17	24	184	89	95	10.0	9.0	11.2
Chesapeake	749	537	212	1,005	678	327	7.5	7.2	8.1
Franklin City	177	103	74	114	60	54	14.3	16.9	12.2
Norfolk	3,056	1,858	1,198	2,279	1,316	963	8.4	8.4	8.3
Portsmouth	1,315	739	576	1,074	565	509	9.6	10.0	9.2
Suffolk	425	206	219	514	231	283	9.7	8.0	11.6
Virginia Beach	1,300	1,109	191	1,649	1,401	248	5.0	4.9	5.5
District 21	3,065	1,980	1,085	2,709	1,784	925	7.2	7.0	7.4
James City Co.	87	65	22	173	122	51	6.1	5.9	6.8
York	41	31	10	194	147	47	4.7	4.4	5.9
Hampton	1,127	605	522	929	589	340	7.3	7.7	6.7
Newport News	1,573	1,106	467	1,262	795	467	7.9	7.7	8.3
Poquoson	12	12		58	58		5.4	5.4	0.0
Williamsburg	225	161	64	93	73	20	8.4	7.6	13.1
District 22	569	368	201	692	457	235	14.8	16.7	12.1
Accomack	210	155	55	474	329	145	14.8	16.6	11.8
Northampton	359	213	146	218	128	90	14.8	16.9	12.5

TABLE 40

RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1978-1987

YEAR	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	TUBERCULOSIS, ALL FORMS (010-019) 010-018						HYPERTENSION (400-401,403) 401,403					
1978	60	1.2	30	0.7	30	3.0	110	2.1	70	1.7	40	4.0
1979	44	0.8	18	0.4	26	2.3	140	2.7	87	2.1	53	4.8
1980	48	0.9	20	0.5	28	2.5	156	2.9	88	2.1	68	6.1
1981	42	0.8	24	0.6	18	1.6	174	3.2	107	2.5	67	5.9
1982	38	0.7	25	0.6	13	1.1	158	2.9	99	2.3	59	5.1
1983	32	0.6	18	0.4	14	1.2	152	2.8	93	2.1	59	5.0
1984	30	0.5	16	0.4	14	1.2	154	2.8	85	1.9	69	5.7
1985	33	0.6	15	0.3	18	1.5	136	2.4	84	1.9	52	4.2
1986	49	0.8	26	0.6	23	1.8	175	3.0	107	2.3	68	5.5
1987	30	0.5	13	0.3	17	1.3	147	2.5	92	2.0	55	4.3
	SEPTICEMIA (038) 038						CEREBROVASCULAR DISEASE (430-438) 430-438					
1978	277	5.4	181	4.4	96	9.6	3,746	72.8	2,846	68.5	900	90.4
1979	269	5.1	181	4.4	88	7.9	3,715	70.6	2,775	66.8	940	84.9
1980	319	6.0	215	5.1	104	9.3	3,750	70.1	2,837	67.1	913	81.8
1981	363	6.7	259	6.0	104	9.2	3,819	70.3	2,940	68.4	879	77.5
1982	347	6.4	248	5.8	99	8.5	3,461	63.4	2,648	61.5	813	70.2
1983	376	6.8	249	5.7	127	10.8	3,486	63.1	2,639	60.7	847	71.7
1984	475	8.5	320	7.3	155	12.9	3,474	62.1	2,683	61.1	791	65.7
1985	470	8.2	318	7.1	152	12.4	3,510	61.3	2,714	60.3	796	65.1
1986	533	9.2	370	8.1	163	13.1	3,552	61.2	2,684	58.9	868	69.8
1987	572	9.7	396	8.6	176	13.9	3,438	58.5	2,626	57.0	812	64.2
	MALIGNANT NEOPLASMS (140-209) 140-208						ATHEROSCLEROSIS (440) 440					
1978	8,117	157.7	6,292	151.5	1,825	183.3	563	10.9	459	11.1	104	10.4
1979	8,628	164.0	6,799	163.7	1,829	165.2	574	10.9	470	11.3	104	9.4
1980	9,139	170.9	7,144	168.9	1,995	178.7	579	10.8	475	11.2	104	9.3
1981	9,090	167.4	7,147	166.4	1,943	171.3	537	9.9	454	10.6	83	7.3
1982	9,555	174.9	7,451	173.1	2,104	181.6	571	10.5	473	11.0	98	8.5
1983	9,947	180.0	7,788	179.2	2,159	182.9	578	10.5	470	10.8	108	9.1
1984	10,016	178.9	7,820	178.0	2,196	182.3	568	10.1	463	10.5	105	8.7
1985	10,455	182.6	8,217	182.5	2,238	182.9	477	8.3	409	9.1	68	5.6
1986	10,825	186.6	8,449	185.5	2,376	190.9	529	9.1	443	9.7	86	6.9
1987	10,789	183.7	8,441	183.1	2,348	185.6	449	7.6	370	8.0	79	6.2
	DIABETES MELLITUS (250) 250						OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448) 441-448					
1978	629	12.2	401	9.7	228	22.9	566	11.0	468	11.3	98	9.8
1979	597	11.4	389	9.4	208	18.8	411	7.8	355	8.5	56	5.1
1980	691	12.9	456	10.8	235	21.0	394	7.4	326	7.7	68	6.1
1981	633	11.7	409	9.5	224	19.8	417	7.7	348	8.1	69	6.1
1982	624	11.4	442	10.3	182	15.7	368	6.7	308	7.2	60	5.2
1983	668	12.1	437	10.1	231	19.6	448	8.1	383	8.8	65	5.5
1984	634	11.3	401	9.1	233	19.3	460	8.2	385	8.8	75	6.2
1985	626	10.9	435	9.7	191	15.6	432	7.5	373	8.3	59	4.8
1986	703	12.1	464	10.2	239	19.2	437	7.5	368	8.1	69	5.5
1987	740	12.6	479	10.4	261	20.6	466	7.9	381	8.3	85	6.7
	DISEASES OF HEART (390-398,402,404,410-429) 390-398,402,404-429						PNEUMONIA AND INFLUENZA (470-474,480-486) 480-487					
1978	15,275	296.7	12,270	295.5	3,005	301.9	1,292	25.1	1,039	25.0	253	25.4
1979	15,366	292.2	12,297	296.2	3,069	277.2	1,025	19.5	793	19.1	232	21.0
1980	15,733	294.3	12,510	295.8	3,223	288.7	1,149	21.5	901	21.3	248	22.2
1981	15,442	284.4	12,370	288.0	3,072	270.9	1,252	23.1	1,016	23.7	236	20.8
1982	15,490	283.6	12,478	290.0	3,012	260.0	1,115	20.4	921	21.4	194	16.7
1983	16,151	292.2	13,016	299.5	3,135	265.5	1,263	22.9	1,038	23.9	225	19.1
1984	15,989	285.6	12,785	291.0	3,204	266.0	1,292	23.1	1,073	24.4	219	18.2
1985	16,036	280.1	12,810	284.5	3,226	263.7	1,453	25.4	1,190	26.4	263	21.5
1986	15,981	275.5	12,673	278.2	3,308	265.8	1,592	27.4	1,328	29.1	264	21.2
1987	15,988	272.2	12,672	274.9	3,316	262.1	1,592	27.1	1,336	29.0	256	20.2

NOTE: The heading of each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1987.

(continued)

TABLE 40 (continued)
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1978-1987

YEAR	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	CHRONIC OBSTRUCTIVE PULMONARY DISEASES 490-496						ACCIDENTS, ALL TYPES (E800-E949) E800-E949					
1978	N.A.		N.A.		N.A.		2,404	46.7	1,821	43.9	583	58.6
1979	1,010	19.2	890	21.4	120	10.8	2,213	42.1	1,717	41.4	496	44.8
1980	1,130	21.1	999	23.6	131	11.7	2,450	45.8	1,889	44.7	561	50.2
1981	1,242	22.9	1,082	25.2	160	14.1	2,253	41.5	1,736	40.4	517	45.6
1982	1,225	22.4	1,070	24.9	155	13.4	2,043	37.4	1,588	36.9	455	39.3
1983	1,396	25.3	1,230	28.3	166	14.1	2,076	37.6	1,566	36.0	510	43.2
1984	1,457	26.0	1,273	29.0	184	15.3	2,185	39.0	1,696	38.6	489	40.6
1985	1,545	27.0	1,364	30.3	181	14.8	2,176	38.0	1,605	35.6	571	46.7
1986	1,630	28.1	1,435	31.5	195	15.7	2,273	39.2	1,705	37.4	568	45.6
1987	1,701	29.0	1,498	32.5	203	16.0	2,302	39.2	1,740	37.8	562	44.4
	CHRONIC LIVER DISEASE AND CIRRHOSIS (571) 571						MOTOR VEHICLE ACCIDENTS (E810-E823) E810-E825					
1978	553	10.7	413	9.9	140	14.1	1,081	21.0	848	20.4	233	23.4
1979	559	10.6	446	10.7	113	10.2	1,002	19.1	820	19.7	182	16.4
1980	608	11.4	472	11.2	136	12.2	1,081	20.2	856	20.2	225	20.2
1981	555	10.2	437	10.2	118	10.4	1,049	19.3	855	19.9	194	17.1
1982	508	9.3	401	9.3	107	9.2	875	16.0	713	16.6	162	14.0
1983	546	9.9	435	10.0	111	9.4	924	16.7	734	16.9	190	16.1
1984	554	9.9	436	9.9	118	9.8	1,009	18.0	785	17.9	224	18.6
1985	544	9.5	429	9.5	115	9.4	999	17.4	752	16.7	247	20.2
1986	499	8.6	393	8.6	106	8.5	1,122	19.3	865	19.0	257	20.7
1987	454	7.7	349	7.6	105	8.3	1,078	18.4	875	19.0	203	16.0
	COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND PUERPERIUM** (630-678) 630-676						ALL OTHER ACCIDENTS (E800-E807,E825-E949) E800-E807,E826-E949					
1978	7	9.5	2	3.6	5	27.1	1,323	25.7	973	23.4	350	35.2
1979	7	9.1	4	7.1	3	14.9	1,211	23.0	897	21.6	314	28.4
1980	3	3.8	1	1.7	2	9.8	1,369	25.6	1,033	24.4	336	30.1
1981	6	7.6	2	3.4	4	19.6	1,204	22.2	881	20.5	323	28.5
1982	3	3.7	1	1.7	2	9.7	1,168	21.4	875	20.3	293	25.3
1983	4	5.0	1	1.7	3	14.5	1,152	20.8	832	19.1	320	27.1
1984	6	7.3	3	4.9	3	14.1	1,176	21.0	911	20.7	265	22.0
1985	5	5.8	1	1.6	4	18.2	1,177	20.6	853	18.9	324	26.5
1986	1	1.2	1	1.6	0	0.0	1,151	19.8	840	18.4	311	25.0
1987	6	6.6	2	3.0	4	17.1	1,224	20.8	865	18.8	359	28.4
	CONGENITAL ANOMALIES (740-759) 740-759						SUICIDE (E950-E959) E950-E959					
1978	295	5.7	221	5.3	74	7.4	732	14.2	660	15.9	72	7.2
1979	335	6.4	263	6.3	72	6.5	775	14.7	693	16.7	82	7.4
1980	333	6.2	259	6.1	74	6.6	718	13.4	646	15.3	72	6.4
1981	290	5.3	214	5.0	76	6.7	711	13.1	633	14.7	78	6.9
1982	287	5.3	218	5.1	69	6.0	761	13.9	678	15.8	83	7.2
1983	295	5.3	223	5.1	72	6.1	718	13.0	630	14.5	88	7.5
1984	305	5.4	221	5.0	84	7.0	710	12.7	625	14.2	85	7.1
1985	272	4.8	206	4.6	66	5.4	751	13.1	667	14.8	84	6.9
1986	273	4.7	198	4.3	75	6.0	810	14.0	706	15.5	104	8.4
1987	306	5.2	230	5.0	76	6.0	830	14.1	732	15.9	98	7.7
	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-778) 760-779						HOMICIDE (E960-E978) E960-E978					
1978	480	9.3	272	6.6	208	20.9	480	9.3	236	5.7	244	24.5
1979	651	12.4	391	9.4	260	23.5	501	9.5	262	6.3	239	21.6
1980	591	11.1	348	8.2	243	21.8	496	9.3	237	5.6	259	23.2
1981	560	10.3	329	7.7	231	20.4	500	9.2	268	6.2	232	20.5
1982	587	10.7	330	7.7	257	22.2	447	8.2	218	5.1	229	19.8
1983	525	9.5	265	6.1	260	22.0	430	7.8	203	4.7	227	19.2
1984	540	9.6	297	6.8	243	20.2	461	8.2	236	5.4	225	18.7
1985	535	9.3	291	6.5	244	19.9	427	7.5	202	4.5	225	18.4
1986	500	8.6	271	5.9	229	18.4	458	7.9	219	4.8	239	19.2
1987	434	7.4	227	4.9	207	16.4	472	8.0	207	4.5	265	20.9

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1987.

**Rates per 100,000 live births

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (In years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
ALL CAUSES	Total	46,618	915	170	77	97	381	502	573	641	747	880	1,196	1,704	2,709	4,040	5,320	5,945	6,405	5,796	8,497	23
	W M	18,681	298	61	34	41	208	258	289	309	338	382	549	750	1,288	1,861	2,400	2,634	2,630	2,100	2,242	9
	W F	17,482	241	53	22	33	85	87	100	117	156	209	302	443	715	1,142	1,602	1,971	2,497	2,681	5,020	6
	Nw M	5,753	232	27	13	12	64	120	135	149	165	183	202	316	414	623	770	741	651	488	445	3
	Nw F	4,702	144	29	8	11	24	37	49	66	88	106	143	195	292	414	548	599	627	527	790	5
Certain other intestinal infections (007-009)	Total	8	2												1		2				3	
	W M	5	2												1						2	
	W F	2															1				1	
	Nw M																					
	Nw F	1															1					
Tuberculosis, all forms (010-018)	Total	30				1				1	1	1	2	1	1	1	4	5	4	3	5	
	W M	3															1	3	1		1	
	W F	8				1					1			1				1	1	1	2	
	Nw M	7													1	1	1	1	1	1	1	
	Nw F	10								1		1	2				2	1	1	1	1	
Meningococcal infection (036)	Total	5		2						1			1		1							
	W M	2		1									1									
	W F	1													1							
	Nw M	1								1												
	Nw F	1		1																		
Septicemia (038)	Total	572	6	5	1		1	2	3	6	2	8	9	17	28	41	34	70	69	85	144	1
	W M	178	3	1	1				1	2	1	3	4	5	10	12	24	26	20	25	39	1
	W F	218	1	1			1		1	1		3		4	9	9	27	24	30	35	75	
	Nw M	90	2	1		2		2	1	3	2	4	5	10	15	18	6	12	6		6	
	Nw F	86		2				1		2	3	4	4	10	8	2	13	13	24			
Viral hepatitis (070)	Total	18								1		1	2	1	2		2	2	1	3	1	
	W M	8								1				1/2	2/2		1	2	1		1	
	W F	4												1						2		
	Nw M	3										1	1							1		
	Nw F	3											1				1	1				
Syphilis (090-097)	Total	3														1	2					
	W M	1															1					
	W F																					
	Nw M	1														1						
	Nw F	1															1					
Other infectious and parasitic diseases (Residual of 001-139)	Total	316	4	2	1	2	1	6	33	47	58	31	14	21	15	13	26	12	12	9	9	
	W M	162					1	5	19	21	33	15	8	12	8	9	12	4	7	4	4	
	W F	44	2	1		1		1	1	1	3	5		2	3	1	8	4	3	3	5	
	Nw M	76	2	1	1				11	19	17	9	4	3	2	1	5	1				
	Nw F	34				1			2	6	5	2	2	4	2	2	1	3	2	2		
Malignant neoplasms (140-208)	Total	10,789	5	16	8	13	22	27	45	80	149	210	362	597	987	1,435	1,763	1,667	1,426	1,076	897	4
	W M	4,462	3	8	3	7	9	9	18	26	54	70	132	228	427	626	781	716	600	435	310	
	W F	3,979	2	3	2	3	5	9	11	37	61	83	142	213	320	468	606	593	537	448	434	2
	Nw M	1,386		2	2		2	3	6	10	12	34	40	92	136	202	244	219	188	117	77	
	Nw F	962		3	1	3	6	6	10	7	22	23	48	64	104	139	132	139	101	76	76	2

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (In years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
1. Lip, oral cavity and pharynx (140-149)	Total	191						1			2	9	14	14	29	31	36	19	20	10	6	
	W M	88										3	9	4	14	17	18	8	7	5	3	
	W F	55										2	1	3	9	4	15	5	9	4	3	
	Nw M	33										3	4	4	5	7	3	3	3	1		
	Nw F	15						1			2	1		3	1	3		3	1			
2. Digestive organs and peritoneum (150-159)	Total	2,466	2	1			1	1	6	8	27	39	63	115	202	316	389	379	359	263	291	4
	W M	991	2	1			1		2	4	16	21	30	46	93	127	171	169	140	87	81	
	W F	874							1	3	4	8	14	29	51	97	124	120	132	123	166	2
	Nw M	341								1	3	8	10	25	36	56	63	46	50	25	18	
	Nw F	260						1	3		4	2	9	15	22	36	31	44	37	28	26	2
3. Respiratory and intra-thoracic organs (160-165)	Total	3,225							3	4	22	39	109	204	366	536	633	541	404	239	125	
	W M	1,687							2	2	10	17	53	105	189	277	329	270	229	138	66	
	W F	879								2	7	10	36	43	93	139	167	165	109	70	38	
	Nw M	495							1		3	10	15	38	58	83	102	88	55	26	16	
	Nw F	164									2	2	5	18	26	37	35	18	11	5	5	
4. Breast (174-175)	Total	926							7	16	34	46	51	73	96	120	117	117	101	79	69	
	W M	6									1					2	1			2		
	W F	754							3	14	24	36	37	64	79	91	100	93	86	68	59	
	Nw M																					
	Nw F	166							4	2	9	10	14	9	17	27	16	24	15	9	10	
5. Genital organs (179-187)	Total	1,210							5	11	10	14	36	40	88	114	182	209	201	165	155	
	W M	453							1	1	1	1	4	4	18	34	62	88	84	76	79	
	W F	403							1	8	8	9	19	24	31	51	67	60	55	37	33	
	Nw M	226									1		1	2	6	16	34	43	46	43	34	
	Nw F	128							3	2		4	12	10	13	13	19	18	16	9	9	
6. Urinary organs (188-189)	Total	420					1		1	1	3	8	13	18	25	45	62	68	68	59	48	
	W M	227							1	1	1	3	4	11	17	27	39	26	41	33	23	
	W F	122					1				1	2	2	4	6	10	13	26	17	21	19	
	Nw M	48									1	3	4	2	2	6	6	12	6	4	2	
	Nw F	23											3	1		2	4	4	4	1	4	
7. Other and unspecified sites (170-173,190-199)	Total	1,435	3	7	3	5	8	9	16	22	31	41	48	93	137	185	214	201	168	140	104	
	W M	619	1	4		3	3	3	10	11	13	18	20	39	63	101	103	102	54	47	24	
	W F	542	2	1	1	1	2	3	3	6	13	14	23	33	37	48	70	71	81	72	61	
	Nw M	145			2			2	3	4	3	5	3	15	22	21	21	11	21	8	4	
	Nw F	129		2		1	3	1		1	2	4	2	6	15	15	20	17	12	13	15	
8. Leukemia (204-208)	Total	344		7	5	7	8	10	2	9	7	2	11	15	26	28	39	41	41	52	34	
	W M	151		3	3	4	3	4	1	3	6	1	3	6	13	13	14	19	20	24	11	
	W F	118		2	1	2	1	3		2			4	5	3	8	17	14	17	23	16	
	Nw M	40		1			1	1		4		1	2	2	5	5	4	3	3	5	2	
	Nw F	35		1	1	1	3	2			1		2	2	5	2	4	5	1		5	
9. Other neoplasms of lymphatic and hemato-poietic tissues (200-203)	Total	572		1		1	4	6	5	9	13	12	17	25	38	60	91	92	64	69	65	
	W M	240					2	2	1	4	6	6	9	13	20	28	44	34	25	23	23	
	W F	232					1	3	3	2	4	2	6	8	11	20	33	39	31	30	39	
	Nw M	58		1			1		1	1	1	4	1	4	2	8	11	13	4	5	1	
	Nw F	42				1		1		2	2		1		5	4	3	6	4	11	2	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																		
			Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
Benign neoplasms and neoplasms of unspecified nature (210-239)	Total	137	3		1	3	1	2	4	3	5	4	4	2	9	12	19	14	23	13	15	
	W M	58			1	2	1	1	2	1	2	1	1	1	4	5	6	7	12	3	8	
	W F	53	3						2	2	2		1		4	6	7	4	8	8	6	
	Nw M	17				1					1	2	2	1		1	4	2		2	1	
	Nw F	9						1				1			1		2	1	3			
Diabetes mellitus (250)	Total	740			1	1	1	1	6	10	7	11	16	35	46	67	115	119	113	85	106	
	W M	209							3	6	3	5	4	15	16	21	44	29	23	20	18	
	W F	270			1	1	1				2	4	5	11	10	18	32	47	43	36	59	
	Nw M	93								3	1	1	2	5	10	12	16	14	14	10	5	
	Nw F	168						1	1	1	1	1	5	4	10	16	23	29	33	19	24	
Nutritional deficiencies (260-269)	Total	71													1	1	3	7	5	12	42	
	W M	18														1		4	3	3	7	
	W F	35															3	2	1	3	26	
	Nw M	7													1			1	1	2	2	
	Nw F	11																		4	7	
Anemias (280-285)	Total	67				1		3	2	2	3		2	1	3	5	3	5	7	5	25	
	W M	20								1						4	1	1	2	4	7	
	W F	24											1		2	1		2	3	1	14	
	Nw M	8				1		2	1		1						1	1			1	
	Nw F	15						1	1	1	2		1	1	1		1	1	2		3	
Meningitis (320-322)	Total	24	4	3	1					1	1	1	1	1	1	1	1	4		1	3	
	W M	7		1						1	1						1	3				
	W F	6		1	1									1				1		1	1	
	Nw M	5	3										1			1						
	Nw F	6	1	1								1			1						2	
Major cardiovascular diseases (390-448)	Total	20,488	34	10	3	4	12	21	48	73	131	231	412	599	1,037	1,612	2,232	2,740	3,219	3,033	5,025	12
	W M	7,874	16		3	2	4	4	21	26	58	123	211	294	547	793	1,022	1,239	1,298	1,029	1,179	5
	W F	8,267	11	7			4	6	9	10	26	34	76	116	204	391	616	871	1,260	1,476	3,148	2
	Nw M	2,163	4	2		1	3	7	10	23	32	50	83	120	163	259	326	314	302	228	234	2
	Nw F	2,184	3	1		1	1	4	8	14	15	24	42	69	123	169	268	316	359	300	464	3
1. Diseases of heart (390-398,402,404-429)	Total	15,988	30	8	3	2	11	12	37	62	106	190	340	506	890	1,355	1,840	2,174	2,485	2,291	3,638	8
	W M	6,504	15		3	1	3	3	16	23	56	107	185	255	498	699	880	1,017	1,052	802	886	3
	W F	6,168	9	5			4	3	8	9	15	28	53	98	167	324	482	685	938	1,089	2,249	2
	Nw M	1,700	3	2		1	3	3	8	22	24	38	70	104	128	199	275	241	229	181	168	1
	Nw F	1,616	3	1			1	3	5	8	11	17	32	49	97	133	203	231	266	219	335	2
a. Rheumatic fever and rheumatic heart disease (390-398)	Total	95								1	4	4	7	4	9	9	11	11	17	12	6	
	W M	24									1	1		1	1	3	5	3	7	2		
	W F	51											3	3	6	5	4	6	8	10	6	
	Nw M	4									1	1						2				
	Nw F	16								1	2	2	4		2	1	2		2			
b. Hypertensive heart disease (402)	Total	389							1	1	3	2	8	8	28	30	35	46	58	66	103	
	W M	78									2	1	1	2	7	10	11	12	9	14	9	
	W F	169							1				1	1	6	4	4	17	29	35	71	
	Nw M	65								1	1	1	4	5	10	9	11	8	4	7	4	
	Nw F	77											2		5	7	9	9	16	10	19	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																		
			Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
c. Hypertensive heart and renal disease (404)	Total	38											2	1	1	3	3	4	7	7	10	
	W M	2														1	1					
	W F	13															1		2	3	7	
	Nw M	12											1	1		2	1	1	3	2	1	
	Nw F	11											1		1			3	2	2	2	
d. Ischemic heart disease (410-414)	Total	9,760	1				1	4	15	33	64	134	228	373	588	897	1,240	1,412	1,532	1,335	1,899	4
	W M	4,454					1	2	7	17	38	86	152	202	364	498	642	708	713	520	503	1
	W F	3,540						1	3	2	6	17	29	68	96	218	324	446	562	618	1,148	2
	Nw M	938							3	12	15	22	35	69	71	114	154	138	124	94	86	1
	Nw F	828	1					1	2	2	5	9	12	34	57	67	120	120	133	103	162	
i. Acute myocardial infarction (410)	Total	5,034					1	2	9	11	33	72	127	204	329	516	692	804	835	653	745	1
	W M	2,457					1	1	5	5	25	49	88	116	206	294	367	411	388	260	241	
	W F	1,728						1	2		1	9	13	44	58	124	177	268	317	304	409	1
	Nw M	427							1	6	5	7	18	27	34	59	79	61	65	41	24	
	Nw F	422							1		2	7	8	17	31	39	69	64	65	48	71	
ii. Other ischemic heart disease (411-414)	Total	4,726	1					2	6	22	31	62	101	169	259	381	548	608	697	682	1,154	3
	W M	1,997						1	2	12	13	37	64	86	158	204	275	297	325	260	262	1
	W F	1,812							1	2	5	8	16	24	38	94	147	178	245	314	739	1
	Nw M	511							2	6	10	15	17	42	37	55	75	77	59	53	62	1
	Nw F	406	1					1	1	2	3	2	4	17	26	28	51	56	68	55	91	
e. Other diseases of endocardium (424)	Total	220			1							1	3	7	10	11	19	31	29	39	69	
	W M	77			1							1		2	5	3	11	15	6	16	17	
	W F	109											1	3	3	7	5	8	20	17	45	
	Nw M	17											1	2	1			3	3	3	4	
	Nw F	17											1		1	1	3	5		3	3	
f. All other forms of heart disease (415-423,425-429)	Total	5,486	29	8	2	2	10	8	21	27	35	49	92	113	254	405	532	670	842	832	1,551	4
	W M	1,869	15		2	1	2	1	9	6	15	18	32	48	121	184	210	279	317	250	357	2
	W F	2,286	9	5			4	2	4	7	9	11	19	23	56	90	144	208	317	406	972	
	Nw M	664	3	2		1	3	3	5	9	7	14	29	27	46	74	109	89	95	75	73	
	Nw F	667	2	1			1	2	3	5	4	6	12	15	31	57	69	94	113	101	149	2
2. Hypertension (401,403)	Total	147										5	9	5	9	9	17	26	21	19	27	
	W M	39											5	3			3	10	8	5	5	
	W F	53										1	3	1	4	2	4	6	4	12	16	
	Nw M	22										2	1		3	5		4	5	1	1	
	Nw F	33										2		1	2	2	10	6	4	1	5	
3. Cerebrovascular diseases (430-438)	Total	3,438	4	2		1	1	6	7	9	21	31	57	72	109	188	285	421	569	592	1,061	2
	W M	965	1				1		3	2	2	12	20	25	33	62	92	144	175	176	216	1
	W F	1,661	2	2				2	1	1	9	4	17	13	28	53	102	151	265	309	702	
	Nw M	358	1					3	2	1	7	10	10	16	28	42	40	57	55	40	46	
	Nw F	454				1		1	1	5	3	5	10	18	20	31	51	69	74	67	97	1
4. Atherosclerosis (440)	Total	449												4	6	18	29	42	60	68	221	1
	W M	126												1	3	7	11	18	21	21	44	
	W F	244												3		5	11	12	29	38	146	
	Nw M	35													2	5	4	7	3	3	10	1
	Nw F	44													1	1	3	5	7	6	21	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
5. Other diseases of arteries, arterioles, and capillaries (441-448)	Total	466				1		3	4	2	4	5	6	12	23	42	61	77	84	63	78	1
	W M	240				1		1	2	1		4	1	10	13	25	36	50	42	25	28	1
	W F	141						1			2	1	3	1	5	7	17	17	24	28	35	
	Nw M	48						1			1		2		2	8	7	5	10	3	9	
	Nw F	37							2	1	1			1	3	2	1	5	8	7	6	
Acute bronchitis and bronchiolitis (466)	Total	10	3											1			1	3	1		1	
	W M	4												1				2			1	
	W F	5	2														1	1	1			
	Nw M	1	1																			
	Nw F																					
Pneumonia and influenza (480-487)	Total	1,592	7	5	1	2	5	3	6	12	9	10	11	21	24	60	108	158	231	307	612	
	W M	645	1	2	1	1	2		2	5	3	5	3	10	8	31	57	74	113	117	210	
	W F	691	3	1		1	3	3	3	1	2	2	6	4	7	16	23	47	86	150	333	
	Nw M	150	2							5	3	1		6	6	11	18	27	19	20	32	
	Nw F	106	1	2					1	1	1	2	2	1	3	2	10	10	13	20	37	
Chronic obstructive pulmonary diseases (490-496)	Total	1,701	1	3			2	4	1	2	2	7	16	41	85	172	265	339	306	257	197	1
	W M	848	1	3			2		1				5	14	42	89	136	181	151	136	86	1
	W F	650						2			1	4	8	17	32	60	97	106	131	95	97	
	Nw M	140						1			1	2		6	6	12	24	43	18	18	9	
	Nw F	63						1		2		1	3	4	5	11	8	9	6	8	5	
Ulcer of stomach and duodenum (531-533)	Total	104								1		1	3		8	10	7	12	21	20	21	
	W M	39										1	2		5	6	2	7	10	4	2	
	W F	51								1					2	3	2	2	9	14	18	
	Nw M	10													1		3	3	1	2		
	Nw F	4											1			1			1		1	
Appendicitis (540-543)	Total	9					1								1		1	3			3	
	W M	5					1								1		1	1			1	
	W F	3																1			2	
	Nw M																					
	Nw F	1																1				
Hernia and intestinal obstruction (550-553,560)	Total	145	4						2	1	1		2	4	5	8	9	24	25	22	38	
	W M	48							1	1	1			3	1	3	3	12	9	9	5	
	W F	65	2						1				2		2	2	3	8	10	8	27	
	Nw M	19	2												2	2	2	1	4	3	3	
	Nw F	13												1		1	1	3	2	2	3	
Chronic liver disease and cirrhosis (571)	Total	454					1		3	9	26	40	39	41	68	68	61	42	39	12	5	
	W M	218								2	13	21	16	23	41	31	28	19	17	5	2	
	W F	131					1		1	1	2	8	12	6	11	25	18	20	17	6	3	
	Nw M	68								2	8	11	5	6	13	8	11	1	3			
	Nw F	37							2	4	3		6	6	3	4	4	2	2	1		
Cholelithiasis and other disorders of gall bladder (574-575)	Total	66												4	2	3	4	9	16	10	18	
	W M	25														2	2	4	8	4	5	
	W F	28													1	1	1	2	7	5	11	
	Nw M	5												1	1		1	2				
	Nw F	8												3				1	1	1	2	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years)																		
			Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
Nephritis, nephrotic syndrome, and nephrosis (580-589)	Total	530	4				1	3		4	5	6	10	10	27	39	48	55	86	93	139	
	W M	178					1			2	2	3	4	3	11	11	16	19	35	33	38	
	W F	190	2					2		1				2	7	13	13	17	28	40	65	
	Nw M	67	1					1		1	3	1	4	2	5	7	7	6	11	9	9	
	Nw F	95	1									2	2	3	4	8	12	13	12	11	27	
Infections of kidney (590)	Total	30	2				1										4	2	7	8	6	
	W M	7	1														2		1	2	1	
	W F	17															2	1	4	6	4	
	Nw M	4	1															1	2			
	Nw F	2					1														1	
Hyperplasia of prostate (600)	Total	5															2			1	2	
	W M	4															1			1	2	
	W F																					
	Nw M	1															1					
	Nw F																					
Complications of pregnancy, childbirth, and the puerperium (630-676)	Total	6						2	2	1		1										
	W M																					
	W F	2						1	1													
	Nw M																					
	Nw F	4						1	1	1		1										
Congenital anomalies (740-759)	Total	306	198	28	6	3	5	7	4	7	6	6	3	5	3	4	6	6	7	1	1	
	W M	107	64	13	1	1	3	1	3	5	2	2	3		3		1	3	2			
	W F	123	78	10	2	2	1	4	1	1	2	2		5		2	5	2	4	1	1	
	Nw M	42	33	1	2		1	1		1		1				1			1			
	Nw F	34	23	4	1			1			2	1				1		1				
Certain conditions originating in the perinatal period (760-779)	Total	434	431	3																		
	W M	140	140																			
	W F	87	86	1																		
	Nw M	127	125	2																		
	Nw F	80	80																			
Symptoms and ill-defined conditions (780-799)	Total	504	139	4		2	3	7	7	13	13	5	8	11	13	17	24	28	48	46	114	2
	W M	169	52	3		1	2	5	4	7	5	3	5	2	3	6	12	10	17	8	23	1
	W F	190	26			1	1		1	1	2		1	3	4	5	5	12	22	28	77	1
	Nw M	83	38					1	1	4	4	1	2	4	4	3	5	4	6	5	1	
	Nw F	62	23	1				1	1	1	2	1		2	2	3	2	2	3	5	13	
All other diseases (Residual)	Total	3,820	34	21	18	12	19	21	34	35	69	82	87	118	174	286	346	440	557	565	901	1
	W M	1,321	7	4	9	2	8	9	15	13	21	25	32	47	63	112	134	176	212	202	230	
	W F	1,557	12	8	7	4	7	5	13	6	16	20	19	22	54	81	98	159	231	263	531	1
	Nw M	464	9	3	1	2	1	6	3	10	17	15	21	26	36	60	58	50	53	43	50	
	Nw F	478	6	6	1	4	3	1	3	6	15	22	15	23	21	33	56	55	61	57	90	
Accidents (E800-E949)	Total	2,302	19	63	36	43	201	243	207	181	136	102	113	101	103	112	128	121	137	107	149	
	W M	1,182	5	24	15	18	119	146	120	117	74	45	74	51	53	51	67	55	60	40	48	
	W F	558	8	20	9	17	44	40	35	29	16	21	11	21	30	22	24	32	53	47	79	
	Nw M	426	5	12	7	6	33	46	45	31	35	27	23	25	13	28	23	26	15	13	13	
	Nw F	136	1	7	5	2	5	11	7	4	11	9	5	4	7	11	14	8	9	7	9	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1987 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
1. Motor vehicle accidents (E810-E825)	Total	1,078	2	20	13	26	151	180	126	104	78	52	47	41	51	44	42	35	36	16	14	
	W M	606		4	6	12	91	103	75	66	47	26	33	24	24	20	25	14	18	9	9	
	W F	269	1	9	5	10	36	36	28	22	12	12	6	14	18	11	8	12	18	6	5	
	Nw M	152	1	4		3	20	32	20	12	14	8	6	2	6	9	8	6		1		
	Nw F	51		3	2	1	4	9	3	4	5	6	2	1	3	4	1	3				
2. Home accidents ((Home) E850-E949)	Total	422	10	38	14	5	13	16	20	27	20	9	19	23	21	23	33	36	29	29	37	
	W M	181	4	16	5		6	10	10	17	9	2	9	10	13	9	17	12	14	8	10	
	W F	117	3	11	3	3	5	3	3	4	2	3	1	4	6	3	6	13	9	14	21	
	Nw M	87	2	7	5	1	2	2	6	6	6	4	7	7	1	6	5	9	3	5	3	
	Nw F	37	1	4	1	1		1	1		3		2	2	1	5	5	2	3	2	3	
3. All other accidents (E800-E807,E826-E849, (Other) E850-E949)	Total	802	7	5	9	12	37	47	61	50	38	41	47	37	31	45	53	50	72	62	98	
	W M	395	1	4	4	6	22	33	35	34	18	17	32	17	16	22	25	29	28	23	29	
	W F	172	4		1	4	3	1	4	3	2	6	4	3	6	8	10	7	26	27	53	
	Nw M	187	2	1	2	2	11	12	19	13	15	15	10	16	6	13	10	11	12	7	10	
	Nw F	48			2		1	1	3		3	3	1	1	3	2	8	3	6	5	6	
Suicide (E950-E959)	Total	830				6	62	76	90	82	72	73	57	46	45	60	50	48	36	16	11	
	W M	578				4	45	60	58	53	48	42	37	31	36	42	39	35	25	12	11	
	W F	154				1	11	8	15	15	14	19	13	8	7	16	9	8	7	3		
	Nw M	80				1	4	7	16	10	7	8	6	6	2	1	2	5	4	1		
	Nw F	18					2	1	1	4	3	4	1	1		1						
Homicide and legal intervention (E960-E978)	Total	472	12	2		4	40	69	73	61	49	47	22	23	19	11	10	9	9	6	4	2
	W M	145	1	1		3	10	15	19	17	17	18	7	7	6	5	5	5	3	4	1	1
	W F	62	2			1	5	5	5	8	6	6	5	6	5	2	1	2	1	1	1	
	Nw M	198	4	1			19	42	39	24	20	16	6	9	7	2	3	1	2	1	1	1
	Nw F	67	5				6	7	10	12	6	7	4	1	1	2	1	1	3		1	
Other external causes (E980-E999)	Total	30	3	3			2	5	3	7	2	2		1		1		1				
	W M	9	2					3		2				1								
	W F	7	1				1	1		2		1						1				
	Nw M	11		2			1	1	2	3	2											
	Nw F	3		1					1			1										

TABLE 42 - FIVE LEADING CAUSES OF DEATH IN SPECIFIED AGE GROUPS BY RACE, VIRGINIA, 1987

Age at Death	TOTAL		WHITE		NONWHITE	
	Number	Percent	Number	Percent	Number	Percent
Under 1 year ..... All causes	915	100.0	539	100.0	376	100.0
Certain conditions originating in the perinatal period (760-779)	431	47.1	226	41.9	205	54.5
Congenital anomalies (740-759)	198	21.6	142	26.3	56	14.9
Diseases of heart (390-398,402,404-429).....	30	3.3	24	4.5	6	1.6
All accidents (E800-E949)	19	2.1	13	2.4	6	1.6
Homicide and legal intervention (E960-E978)	12	1.3	3	0.6	9	2.4
All other causes	225	24.6	131	24.3	94	25.0
1-4 years ..... All causes	170	100.0	114	100.0	56	100.0
All accidents (E800-E949)	63	37.1	44	38.6	19	33.9
Congenital anomalies (740-759)	28	16.5	23	20.2	5	8.9
Malignant neoplasms (140-208)	16	9.4	11	9.6	5	8.9
Diseases of heart (390-398,402,404-429)	8	4.7	5	4.4	3	5.4
Septicemia (038)	5	2.9	2	1.8	3	5.4
Pneumonia and influenza (480-487)	5	2.9	3	2.6	2	3.6
All other causes	45	26.5	26	22.8	19	33.9
5-14 years ..... All causes	174	100.0	130	100.0	44	100.0
All accidents (E800-E949)	79	45.4	59	45.4	20	45.5
Malignant neoplasms (140-208)	21	12.1	15	11.5	6	13.6
Congenital anomalies (740-759)	9	5.2	6	4.6	3	6.8
Suicide (E950-E959)	6	3.4	5	3.8	1	2.3
Diseases of heart (390-398,402,404-429)	5	2.9	4	3.1	1	2.3
All other causes	54	31.0	41	31.5	13	29.5
15-24 years ..... All causes	883	100.0	638	100.0	245	100.0
All accidents (E800-E949)	444	50.3	349	54.7	95	38.8
Suicide (E950-E959)	138	15.6	124	19.4	14	5.7
Homicide and legal intervention (E960-E978)	109	12.3	35	5.5	74	30.2
Malignant neoplasms (140-208)	49	5.5	32	5.0	17	6.9
Diseases of heart (390-398,402,404-429)	23	2.6	13	2.0	10	4.1
All other causes	120	13.6	85	13.3	35	14.3
25-44 years ..... All causes	2,841	100.0	1,900	100.0	941	100.0
All accidents (E800-E949)	626	22.0	457	24.1	169	18.0
Malignant neoplasms (140-208)	484	17.0	360	18.9	124	13.2
Diseases of heart (390-398,402,404-429)	395	13.9	262	13.8	133	14.1
Suicide (E950-E959)	317	11.2	264	13.9	53	5.6
Homicide and legal intervention (E960-E978)	230	8.1	96	5.1	134	14.2
All other causes	789	27.8	461	24.3	328	34.9
45-64 years ..... All causes	9,649	100.0	7,050	100.0	2,599	100.0
Malignant neoplasms (140-208)	3,381	35.0	2,556	36.3	825	31.7
Diseases of heart (390-398,402,404-429)	3,091	32.0	2,279	32.3	812	31.2
All accidents (E800-E949)	429	4.4	313	4.4	116	4.5
Cerebrovascular diseases (430-438)	426	4.4	251	3.6	175	6.7
Chronic obstructive pulmonary diseases (490-496)	314	3.3	267	3.8	47	1.8
All other causes	2,008	20.8	1,384	19.6	624	24.0
65-74 years ..... All causes	11,265	100.0	8,607	100.0	2,658	100.0
Diseases of heart (390-398,402,404-429)	4,014	35.6	3,064	35.6	950	35.7
Malignant neoplasms (140-208)	3,430	30.4	2,696	31.3	734	27.6
Cerebrovascular diseases (430-438)	706	6.3	489	5.7	217	8.2
Chronic obstructive pulmonary diseases (490-496)	604	5.4	520	6.0	84	3.2
Pneumonia and influenza (480-487)	266	2.4	201	2.3	65	2.4
All other causes	2,245	19.9	1,637	19.0	608	22.9
75 and over ..... All causes	20,698	100.0	17,170	100.0	3,528	100.0
Diseases of heart (390-398,402,404-429)	8,414	40.7	7,016	40.9	1,398	39.6
Malignant neoplasms (140-208)	3,399	16.4	2,764	16.1	635	18.0
Cerebrovascular diseases (430-438)	2,222	10.7	1,843	10.7	379	10.7
Pneumonia and influenza (480-487)	1,150	5.6	1,009	5.9	141	4.0
Chronic obstructive pulmonary diseases (490-496)	760	3.7	696	4.1	64	1.8
All other causes	4,753	23.0	3,842	22.4	911	25.8

TABLE 43
RESIDENT ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1987

Type of Accident	Total	AGE (in years)												
		Under 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS	2,302	19	63	36	43	201	243	388	238	214	215	249	244	149
Railway (E800-E807)	16				1	1	3	3	5	2	1			
Motor vehicle (E810-E825)	1,078	2	20	13	26	151	180	230	130	88	95	77	52	14
Other road vehicle (E826-E829)	4							1	2				1	
Water transport (E830-E838)	23		1			1	3	8	7	2	1			
Aircraft (E840-E845)	16			1	1			5	5	2	1	1		
Off the road vehicle (E846-E848)	1								1					
Poisoning by drugs (E850-E858)	87		1			1	3	39	17	10	7	2	4	3
Poisoning by other solids and liquids (E860-E866)	49					3	3	6	8	12	9	8		
Poisoning by gases and vapors (E867-E869)	20					3	5	4	2			3	3	
Surgical and medical misadventures and complications (E870-E879)	68	1	2	1	1			3	5	8	8	15	16	8
Falls (E880-E888)	260		1			5	4	9	10	17	26	49	71	68
Fires (E890-E899)	143	2	24	9	3	4	4	8	7	13	15	28	20	6
Excessive heat or cold or exposure (E900-E904)	51	1			1		1	7	5	3	7	11	10	5
Insects and animals (E905-E906)	7				1				1	3	1	1		
Lightning (E907)	3				1		1	1						
Cataclysmic events (E908-E909)	1									1				
Drowning and submersion (E910)	118	2	10	5	5	19	12	25	8	15	9	4	1	3
Suffocation from inhaled or ingested object (F911-E912)	125	3						3	8	7	9	24	41	30
Mechanical suffocation (E913)	24	5	2	3	1	2	1	4	2		2		2	
Foreign body entering orifice (E914-E915)	1												1	
Falling or projected object or caught between objects (E916-E918)	30		1			2	3	5	2	9	5	2	1	
Machinery (E919)	45			1	1	2	7	6	5	6	6	4	6	1
Cutting and piercing instruments or objects (E920)	1			1										
Firearms (E922)	23			1	1	3	5	3	1	3	4	2		
Explosive materials (E923)	6							2		2	1	1		
Hot substance, corrosive material, steam (E924)	2	1											1	
Electric current (E925)	27		1			1	8	11	1	3	1		1	
Other and unspecified environmental causes (E928)	50	2		1		1		4	3	4	3	13	9	10
Late effects (E929)	20					2			3	3	4	3	4	1
Drugs causing adverse effects in therapeutic use (E930-E949)	3							1		1		1		

TABLE 44
RESIDENT HOME ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1987
(Included in tabulation of all accidental deaths)

Type of Accident	Total	AGE (in years)												
		Under 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS	431	10	40	15	5	13	17	47	29	45	44	70	59	37
Motor vehicle (E810-E825)	8		2	1			1			2		1	1	
Aircraft (E840-E845)	1									1				
Poisoning by drugs (E850-E858)	40		1				1	19	10	5	3	1		
Poisoning by other solids and liquids (E860-E866)	33					2	2	5	5	7	6	6		
Poisoning by gases and vapors (E867-E869)	9					2	1	2	1			1	2	
Falls (E880-E888)	110		1			1		1	3	10	12	27	25	30
Fires (E890-E899)	135	2	24	9	3	3	4	7	6	13	13	28	18	5
Excessive heat or cold or exposure (E900-E904)	14						1	1			3	3	4	2
Insects and animals (E905-E906)	3								1	2				
Drowning and submersion (E910)	18	2	8	1	1	1		2		1	1		1	
Suffocation from inhaled or ingested object (E911-E912)	8							1	1	1	1	2	2	
Mechanical suffocation (E913)	15	4	2	2		2	1	2	1		1			
Falling or projected object or caught between objects (E916-E918)	6		1				1	2		1	1			
Machinery (E919)	3									1	1		1	
Cutting and piercing instruments or objects (E920)	1			1										
Firearms (E922)	10			1	1	2	3	1			1	1		
Hot substance, corrosive material, steam (E924)	2	1											1	
Electric current (E925)	8		1				2	3		1			1	
Other and unspecified environmental causes (E928)	4	1						1	1				1	
Late effects (E929)	3										1		2	

TABLE 45
DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE
BY RACE BY CAUSE, VIRGINIA, 1987

Cause of Death	STATE OF VIRGINIA					
	Place of Occurrence			Place of Residence		
	Total	White	Nonwhite	Total	White	Nonwhite
ALL CAUSES	46,012	35,516	10,496	46,618	36,163	10,455
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009	8	7	1	8	7	1
3 Tuberculosis, all forms 010-018	30	13	17	30	13	17
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	5	3	2	5	3	2
7 Septicemia 038	556	381	175	572	396	176
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	18	12	6	18	12	6
11 Syphilis 090-097	2		2	3	1	2
12 Other infectious & parasitic diseases Residual of 001-139	293	185	108	316	206	110
13 Malignant neoplasms 140-208	10,593	8,246	2,347	10,789	8,441	2,348
14 Lip, oral cavity and pharynx 140-149	187	138	49	191	143	48
15 Digestive organs and peritoneum 150-159	2,420	1,828	592	2,466	1,865	601
16 Respiratory & intrathoracic organs 160-165	3,189	2,527	662	3,225	2,566	659
17 Breast 174-175	910	740	170	926	760	166
18 Genital organs 179-187	1,188	837	351	1,210	856	354
19 Urinary organs 188-189	411	340	71	420	349	71
20 Other & unspecified sites 170-173,190-199	1,414	1,140	274	1,435	1,161	274
21 Leukemia 204-208	324	251	73	344	269	75
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	550	445	105	572	472	100
23 Benign neoplasms and neoplasms of unspecified nature 210-239	130	105	25	137	111	26
24 Diabetes mellitus 250	722	463	259	740	479	261
25 Nutritional deficiencies 260-269	70	53	17	71	53	18
26 Anemias 280-285	68	44	24	67	44	23
27 Meningitis 320-322	22	12	10	24	13	11
28 Major cardiovascular diseases 390-448	20,378	16,011	4,367	20,488	16,141	4,347
29 Diseases of heart 390-398,402,404-429	15,969	12,636	3,333	15,988	12,672	3,316
30 Rheumatic fever and rheumatic heart disease 390-398	91	71	20	95	75	20
31 Hypertensive heart disease 402	390	246	144	389	247	142
32 Hypertensive heart & renal disease 404	36	14	22	38	15	23
33 Ischemic heart disease 410-414	9,736	7,955	1,781	9,760	7,994	1,766
34 Acute myocardial infarction 410	5,014	4,160	854	5,034	4,185	849
35 Other ischemic heart disease 411-414	4,722	3,795	927	4,726	3,809	917
36 Other diseases of endocardium 424	214	180	34	220	186	34
37 All other forms of heart disease 415-423,425-429	5,502	4,170	1,332	5,486	4,155	1,331
38 Hypertension 401,403	146	89	57	147	92	55
39 Cerebrovascular diseases. 430-438	3,366	2,550	816	3,438	2,626	812
40 Atherosclerosis 440	441	364	77	449	370	79
41 Other diseases of arteries, arterioles, and capillaries 441-448	456	372	84	466	381	85
42 Acute bronchitis and bronchiolitis 466	10	9	1	10	9	1
43 Pneumonia and influenza 480-487	1,562	1,301	261	1,592	1,336	256
44 Chronic obstructive pulmonary diseases 490-496	1,673	1,472	201	1,701	1,498	203
45 Ulcer of stomach and duodenum 531-533	103	88	15	104	90	14
46 Appendicitis 540-543	9	8	1	9	8	1
47 Hernia & intestinal obstruction 550-553,560	147	115	32	145	113	32
48 Chronic liver disease and cirrhosis 571	446	338	108	454	349	105
49 Cholelithiasis and other disorders of gall bladder 574-575	62	49	13	66	53	13
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	518	354	164	530	368	162
51 Infections of kidney 590	30	23	7	30	24	6
52 Hyperplasia of prostate 600	4	3	1	5	4	1
53 Complications of pregnancy, childbirth, and the puerperium 630-676	6	2	4	6	2	4
54 Congenital anomalies 740-759	269	196	73	306	230	76
55 Certain conditions originating in the perinatal period 760-779	420	212	208	434	227	207
56 Symptoms and ill-defined conditions 780-799	472	339	133	504	359	145
57 All other diseases Residual	3,759	2,819	940	3,820	2,878	942
58 Accidents E800-E949	2,287	1,693	594	2,302	1,740	562
59 Motor vehicle accidents E810-E825	1,070	844	226	1,078	875	203
60 Home accidents (Home) E850-E949	427	304	123	422	298	124
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	790	545	245	802	567	235
62 Suicide E950-E959	848	744	104	830	732	98
63 Homicide and legal intervention E960-E978	472	203	269	472	207	265
64 Other external causes E980-E999	20	13	7	30	16	14

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 1

Cause of Death	Planning District 1			Lee		Scott		Wise		Norton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	976	960	16	268	3	242	3	404	8	46	2
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1	1						1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	15	14	1	9		3		1	1	1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	2	2						2			
13 Malignant neoplasms 140-208	206	203	3	49	1	54		90	1	10	1
14 Lip, oral cavity and pharynx 140-149	2	2		1				1			
15 Digestive organs and peritoneum 150-159	38	38		7		11		20			
16 Respiratory & intrathoracic organs 160-165	72	71	1	21	1	16		30		4	
17 Breast 174-175	18	18		3		4		10		1	
18 Genital organs 179-187	20	19	1	4		10		5			1
19 Urinary organs 188-189	11	11		3		4		3		1	
20 Other & unspecified sites 170-173,190-199	28	27	1	4		5		14	1	4	
21 Leukemia 204-208	6	6		2		3		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	11		4		1		6			
23 Benign neoplasms and neoplasms of unspecified nature 210-239											
24 Diabetes mellitus 250	14	14		1		6		6		1	
25 Nutritional deficiencies 260-269											
26 Anemias 280-285											
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	447	440	7	127	1	109	3	184	2	20	1
29 Diseases of heart 390-398,402,404-429	371	366	5	108		88	3	156	1	14	1
30 Rheumatic fever and rheumatic heart disease 390-398	2	2		2							
31 Hypertensive heart disease 402	3	3		2				1			
32 Hypertensive heart & renal disease 404											
33 Ischemic heart disease 410-414	242	239	3	70		60	2	99		10	1
34 Acute myocardial infarction 410	132	130	2	40		28	1	59		3	1
35 Other ischemic heart disease 411-414	110	109	1	30		32	1	40		7	
36 Other diseases of endocardium 424	6	6		2		2		2			
37 All other forms of heart disease 415-423,425-429	118	116	2	32		26	1	54	1	4	
38 Hypertension 401,403	1	1				1					
39 Cerebrovascular diseases. 430-438	65	63	2	17	1	20		21	1	5	
40 Atherosclerosis 440	4	4		2				2			
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	6						5		1	
42 Acute bronchitis and bronchiolitis 466	2	2				1		1			
43 Pneumonia and influenza 480-487	61	60	1	14		16		29	1	1	
44 Chronic obstructive pulmonary diseases 490-496	50	48	2	12	1	18		14	1	4	
45 Ulcer of stomach and duodenum 531-533	2	2		1		1					
46 Appendicitis 540-543	1	1		1							
47 Hernia & intestinal obstruction 550-553,560	2	2				1		1			
48 Chronic liver disease and cirrhosis 571	11	10	1	2		3		5	1		
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				1		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	2		2							
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	1	1		1							
55 Certain conditions originating in the perinatal period 760-779	5	5		1		1		3			
56 Symptoms and ill-defined conditions 780-799	8	8		3				4		1	
57 All other diseases Residual	82	81	1	23		15		37	1	6	
58 Accidents E800-E949	43	43		14		8		19		2	
59 Motor vehicle accidents E810-E825	28	28		9		6		11		2	
60 Home accidents (Home) E850-E949	5	5		1				4			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10	10		4		2		4			
62 Suicide E950-E959	13	13		6		3		4			
63 Homicide and legal intervention E960-E978	5	5		2		1		2			
64 Other external causes E980-E999	1	1				1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 2

Cause of Death	Planning District 2			Buchanan		Dickenson		Russell		Tazewell	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,101	1,075	26	247	1	154	2	256		418	23
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009	1	1		1							
3 Tuberculosis, all forms 010-018	1	1						1			
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	5	5		1				1		3	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097	1	1				1					
12 Other infectious & parasitic diseases Residual of 001-139	3	3		1		1		1			
13 Malignant neoplasms 140-208	217	208	9	49	1	30	1	52		77	7
14 Lip, oral cavity and pharynx 140-149	3	2	1	2							1
15 Digestive organs and peritoneum 150-159	39	37	2	8		5		8		16	2
16 Respiratory & intrathoracic organs 160-165	72	69	3	14	1	14	1	18		23	1
17 Breast 174-175	20	20		4		1		9		6	
18 Genital organs 179-187	25	24	1	8		1		5		10	1
19 Urinary organs 188-189	9	8	1	2				4		2	1
20 Other & unspecified sites 170-173,190-199	27	26	1	6		7		5		8	1
21 Leukemia 204-208	7	7		2						5	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	15	15		3		2		3		7	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2		1						1	
24 Diabetes mellitus 250	19	19		5		3		3		8	
25 Nutritional deficiencies 260-269	5	5				1		2		2	
26 Anemias 280-285	2	2						1		1	
27 Meningitis 320-322	1	1				1					
28 Major cardiovascular diseases 390-448	486	474	12	97		59	1	124		194	11
29 Diseases of heart 390-398,402,404-429	395	387	8	87		45	1	97		158	7
30 Rheumatic fever and rheumatic heart disease 390-398	3	3		1				1		1	
31 Hypertensive heart disease 402	7	7		1		2		1		3	
32 Hypertensive heart & renal disease 404											
33 Ischemic heart disease 410-414	284	277	7	70		30	1	57		120	6
34 Acute myocardial infarction 410	176	172	4	58		20		29		65	4
35 Other ischemic heart disease 411-414	108	105	3	12		10	1	28		55	2
36 Other diseases of endocardium 424	5	5				1		1		3	
37 All other forms of heart disease 415-423,425-429	96	95	1	15		12		37		31	1
38 Hypertension 401,403											
39 Cerebrovascular diseases. 430-438	77	73	4	9		11		23		30	4
40 Atherosclerosis 440	7	7		1		2		1		3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7				1		3		3	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	42	39	3	7		6		7		19	3
44 Chronic obstructive pulmonary diseases 490-496	67	66	1	17		5		20		24	1
45 Ulcer of stomach and duodenum 531-533	2	2				1		1			
46 Appendicitis 540-543	1	1						1			
47 Hernia & intestinal obstruction 550-553,560	2	2								2	
48 Chronic liver disease and cirrhosis 571	6	6		1		3		1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3				1				2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	10	10		6				1		3	
51 Infections of kidney 590	1	1						1			
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	11	10	1	3		2		2		3	1
55 Certain conditions originating in the perinatal period 760-779	11	11		4		1		2		4	
56 Symptoms and ill-defined conditions 780-799	5	5		1						4	
57 All other diseases Residual	100	100		25		21		18		36	
58 Accidents E800-E949	68	68		21		13		12		22	
59 Motor vehicle accidents E810-E825	38	38		12		10		6		10	
60 Home accidents (Home) E850-E949	8	8		2		1		2		3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	22	22		7		2		4		9	
62 Suicide E950-E959	23	23		5		4		4		10	
63 Homicide and legal intervention E960-E978	6	6		2		1		1		2	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 3

Cause of Death	Planning District 3			Bland		Carroll		Grayson		Smyth	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,929	1,864	65	59		281	1	144	9	350	5
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	2	1	1								
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	23	22	1	2		6				2	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	5	5						1		1	
13 Malignant neoplasms 140-208	365	353	12	11		58		30	1	52	
14 Lip, oral cavity and pharynx 140-149	4	4				2		1		1	
15 Digestive organs and peritoneum 150-159	89	83	6	3		12		7		13	
16 Respiratory & intrathoracic organs 160-165	105	104	1	3		21		11	1	11	
17 Breast 174-175	29	29				3		2		6	
18 Genital organs 179-187	46	42	4	2		4		4		8	
19 Urinary organs 188-189	18	18		1		4					
20 Other & unspecified sites 170-173,190-199	41	41		1		7		2		4	
21 Leukemia 204-208	12	11	1					2		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	21	21		1		5		1		5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	9	9				2		2		1	
24 Diabetes mellitus 250	25	23	2	1		5				4	
25 Nutritional deficiencies 260-269	3	3								1	
26 Anemias 280-285	2	2						1			
27 Meningitis 320-322	1	1									
28 Major cardiovascular diseases 390-448	941	911	30	28		118	1	73	5	194	2
29 Diseases of heart 390-398,402,404-429	726	703	23	20		93		53	5	157	2
30 Rheumatic fever and rheumatic heart disease 390-398	3	3								1	
31 Hypertensive heart disease 402	16	16				1				1	
32 Hypertensive heart & renal disease 404	1	1									
33 Ischemic heart disease 410-414	473	458	15	15		50		44	4	100	1
34 Acute myocardial infarction 410	296	287	9	10		34		31	4	72	
35 Other ischemic heart disease 411-414	177	171	6	5		16		13		28	1
36 Other diseases of endocardium 424	7	7				2				2	
37 All other forms of heart disease 415-423,425-429	226	218	8	5		40		9	1	53	1
38 Hypertension 401,403	9	9				1					
39 Cerebrovascular diseases. 430-438	177	170	7	8		19	1	17		31	
40 Atherosclerosis 440	19	19				4		2		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	10	10				1		1		2	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	124	124		3		24		9		21	
44 Chronic obstructive pulmonary diseases 490-496	82	80	2	4		9		5	1	17	
45 Ulcer of stomach and duodenum 531-533	3	3						1			
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	9	9		1						2	
48 Chronic liver disease and cirrhosis 571	13	11	2							2	
49 Cholelithiasis and other disorders of gall bladder 574-575	7	6	1					1	1	2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	30	26	4			4		2	1	4	
51 Infections of kidney 590	1	1									
52 Hyperplasia of prostate 600	1	1									
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	9	9				1		3		2	
55 Certain conditions originating in the perinatal period 760-779	4	3	1			1					
56 Symptoms and ill-defined conditions 780-799	15	14	1			1		3		1	1
57 All other diseases Residual	133	128	5	4		28		7		14	2
58 Accidents E800-E949	85	85		4		14		5		22	
59 Motor vehicle accidents E810-E825	49	49		3		8		3		10	
60 Home accidents (Home) E850-E949	4	4				1				1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	32	32		1		5		2		11	
62 Suicide E950-E959	29	26	3	1		5		1		7	
63 Homicide and legal intervention E960-E978	8	8				5				1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 3 (continued)

Cause of Death	Washington		Wythe		Bristol		Galax	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	476	16	261	18	206	12	87	4
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018			1	1				
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	3		5	1	2		2	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139	1				1		1	
13 Malignant neoplasms 140-208	100	7	42	3	48		12	1
14 Lip, oral cavity and pharynx 140-149								
15 Digestive organs and peritoneum 150-159	21	6	11		16			
16 Respiratory & intrathoracic organs 160-165	31		12		10		5	
17 Breast 174-175	7		4		5		2	
18 Genital organs 179-187	11	1	6	2	6		1	1
19 Urinary organs 188-189	6		2		2		3	
20 Other & unspecified sites 170-173,190-199	15		5		6		1	
21 Leukemia 204-208	4			1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5		2		2			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		2		1			
24 Diabetes mellitus 250	6	1	3		4	1		
25 Nutritional deficiencies 260-269	1				1			
26 Anemias 280-285			1					
27 Meningitis 320-322					1			
28 Major cardiovascular diseases 390-448	226	5	136	7	94	8	42	2
29 Diseases of heart 390-398,402,404-429	174	4	108	4	69	6	29	2
30 Rheumatic fever and rheumatic heart disease 390-398	2							
31 Hypertensive heart disease 402	7		1		6			
32 Hypertensive heart & renal disease 404					1			
33 Ischemic heart disease 410-414	111	2	73	2	45	4	20	2
34 Acute myocardial infarction 410	65	2	35	1	23		17	2
35 Other ischemic heart disease 411-414	46		38	1	22	4	3	
36 Other diseases of endocardium 424	1		1				1	
37 All other forms of heart disease 415-423,425-429	53	2	33	2	17	2	8	
38 Hypertension 401,403	3		4		1			
39 Cerebrovascular diseases 430-438	43	1	21	3	20	2	11	
40 Atherosclerosis 440	4		2		3			
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		1		1		2	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	34		18		9		6	
44 Chronic obstructive pulmonary diseases 490-496	23		10	1	9		3	
45 Ulcer of stomach and duodenum 531-533	2							
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560	2		2		1		1	
48 Chronic liver disease and cirrhosis 571	5	1	1		3	1		
49 Cholelithiasis and other disorders of gall bladder 574-575	2		1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5	1	4	1	3		4	1
51 Infections of kidney 590					1			
52 Hyperplasia of prostate 600	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759			2		1			
55 Certain conditions originating in the perinatal period 760-779			1	1	1			
56 Symptoms and ill-defined conditions 780-799			8				1	
57 All other diseases Residual	32	1	17		13	2	13	
58 Accidents E800-E949	24		5		10		1	
59 Motor vehicle accidents E810-E825	16		3		6			
60 Home accidents (Home) E850-E949			1		1			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	8		1		3		1	
62 Suicide E950-E959	6		2	3	3		1	
63 Homicide and legal intervention E960-E978	2							
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 4

Cause of Death	Planning District 4			Floyd		Giles	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,145	1,089	56	135	7	165	4
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	11	10	1	1		1	1
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	2	1	1				
13 Malignant neoplasms 140-208	225	215	10	23	2	33	1
14 Lip, oral cavity and pharynx 140-149	6	6		1		2	
15 Digestive organs and peritoneum 150-159	48	46	2	4	1	7	
16 Respiratory & intrathoracic organs 160-165	67	62	5	4	1	11	1
17 Breast 174-175	26	25	1	4		2	
18 Genital organs 179-187	25	25		3		4	
19 Urinary organs 188-189	7	7				1	
20 Other & unspecified sites 170-173,190-199	29	28	1	3		4	
21 Leukemia 204-208	7	6	1	2		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	10		2		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4				1	
24 Diabetes mellitus 250	16	15	1	1		3	
25 Nutritional deficiencies 260-269	1	1					
26 Anemias 280-285	1	1				1	
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	559	533	26	67	4	76	
29 Diseases of heart 390-398,402,404-429	448	431	17	59	4	67	
30 Rheumatic fever and rheumatic heart disease 390-398	2	2					
31 Hypertensive heart disease 402	4	4					
32 Hypertensive heart & renal disease 404	1	1				1	
33 Ischemic heart disease 410-414	292	280	12	43	4	47	
34 Acute myocardial infarction 410	187	179	8	27	2	36	
35 Other ischemic heart disease 411-414	105	101	4	16	2	11	
36 Other diseases of endocardium 424	3	3				1	
37 All other forms of heart disease 415-423,425-429	146	141	5	16		18	
38 Hypertension 401,403	1	1					
39 Cerebrovascular diseases 430-438	89	84	5	7		9	
40 Atherosclerosis 440	8	7	1	1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	13	10	3				
42 Acute bronchitis and bronchiolitis 466	1	1				1	
43 Pneumonia and influenza 480-487	53	51	2	5		10	
44 Chronic obstructive pulmonary diseases 490-496	46	44	2	3		8	
45 Ulcer of stomach and duodenum 531-533	1	1					
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	7	7				1	
48 Chronic liver disease and cirrhosis 571	6	6		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	9		1		2	
51 Infections of kidney 590	1	1					
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	4	3	1	1		1	1
55 Certain conditions originating in the perinatal period 760-779	3	3				1	
56 Symptoms and ill-defined conditions 780-799	12	11	1	4		1	
57 All other diseases Residual	90	85	5	10		10	
58 Accidents E800-E949	63	57	6	14	1	12	1
59 Motor vehicle accidents E810-E825	27	25	2	8	1	5	1
60 Home accidents (Home) E850-E949	11	11		3		2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	25	21	4	3		5	
62 Suicide E950-E959	24	24		3		2	
63 Homicide and legal intervention E960-E978	4	4		1		1	
64 Other external causes E980-E999	1	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 4 (continued)

Cause of Death	Montgomery		Pulaski		Radford	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	372	19	321	18	96	8
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	3		3		2	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139		1	1			
13 Malignant neoplasms 140-208	78	3	55	4	26	
14 Lip, oral cavity and pharynx 140-149	3					
15 Digestive organs and peritoneum 150-159	15		15	1	5	
16 Respiratory & intrathoracic organs 160-165	21		17	3	9	
17 Breast 174-175	11	1	6		2	
18 Genital organs 179-187	7		4		7	
19 Urinary organs 188-189	4		2			
20 Other & unspecified sites 170-173,190-199	13	1	8		2	
21 Leukemia 204-208	2	1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		4		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		2			
24 Diabetes mellitus 250	6		4		1	1
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	186	9	160	9	44	4
29 Diseases of heart 390-398,402,404-429	149	7	121	5	35	1
30 Rheumatic fever and rheumatic heart disease 390-398			2			
31 Hypertensive heart disease 402	4					
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	86	4	79	3	25	1
34 Acute myocardial infarction 410	45	3	53	2	18	1
35 Other ischemic heart disease 411-414	41	1	26	1	7	
36 Other diseases of endocardium 424			2			
37 All other forms of heart disease 415-423,425-429	39	3	38	2	10	
38 Hypertension 401,403	1					
39 Cerebrovascular diseases 430-438	29		32	3	7	2
40 Atherosclerosis 440	1	1	5		-	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	1	2	1	2	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	19		16	2	1	
44 Chronic obstructive pulmonary diseases 490-496	11		18	1	4	1
45 Ulcer of stomach and duodenum 531-533	1					
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	5		1			
48 Chronic liver disease and cirrhosis 571	1		4			
49 Cholelithiasis and other disorders of gall bladder 574-575	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		2			
51 Infections of kidney 590	1					
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			1			
55 Certain conditions originating in the perinatal period 760-779	1		1			
56 Symptoms and ill-defined conditions 780-799	1	1	4		1	
57 All other diseases Residual	33	2	21	2	11	1
58 Accidents E800-E949	13	3	14		4	1
59 Motor vehicle accidents E810-E825	4		5		3	
60 Home accidents (Home) E850-E949	3		3			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	6	3	6		1	1
62 Suicide E950-E959	7		10		2	
63 Homicide and legal intervention E960-E978			2			
64 Other external causes E980-E999			1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 5

Cause of Death	Planning District 5			Alleghany		Botetourt		Craig		Roanoke	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,720	2,372	348	137	8	170	11	41		654	27
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1	1									
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	43	35	8	1		3		1		9	2
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097	1		1								
12 Other infectious & parasitic diseases Residual of 001-139	10	7	3			1				1	
13 Malignant neoplasms 140-208	558	491	67	30	1	30	1	7		154	4
14 Lip, oral cavity and pharynx 140-149	18	11	7							3	1
15 Digestive organs and peritoneum 150-159	121	104	17	3		5		4		34	1
16 Respiratory & intrathoracic organs 160-165	177	159	18	15		8	1	3		38	1
17 Breast 174-175	45	36	9	1	1	3				16	1
18 Genital organs 179-187	46	38	8	2		5				13	
19 Urinary organs 188-189	21	20	1	1		2				6	
20 Other & unspecified sites 170-173,190-199	87	83	4	4		6				29	
21 Leukemia 204-208	18	17	1	3		1				6	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	23	2	1						9	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	10	9	1	1						2	
24 Diabetes mellitus 250	30	20	10	3		2		1		3	2
25 Nutritional deficiencies 260-269	6	6		1		1				3	
26 Anemias 280-285	3	2	1								
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	1,309	1,145	164	66	3	85	4	19		301	13
29 Diseases of heart 390-398,402,404-429	1,002	880	122	55	2	61	4	17		228	11
30 Rheumatic fever and rheumatic heart disease 390-398	9	9		1		1				2	
31 Hypertensive heart disease 402	19	16	3			2		1		2	
32 Hypertensive heart & renal disease 404	1		1								
33 Ischemic heart disease 410-414	629	554	75	46	2	37	2	11		131	7
34 Acute myocardial infarction 410	293	263	30	14	1	15	2	7		64	3
35 Other ischemic heart disease 411-414	336	291	45	32	1	22		4		67	4
36 Other diseases of endocardium 424	13	12	1			1				4	
37 All other forms of heart disease 415-423,425-429	331	289	42	8		20	2	5		89	4
38 Hypertension 401,403	5	2	3							1	
39 Cerebrovascular diseases. 430-438	226	197	29	10		16		2		55	1
40 Atherosclerosis 440	43	37	6	1	1	4				12	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	33	29	4			4				5	
42 Acute bronchitis and bronchiolitis 466	1	1								1	
43 Pneumonia and influenza 480-487	97	90	7	7		2	1			30	2
44 Chronic obstructive pulmonary diseases 490-496	115	109	6	9		8	1	3		29	1
45 Ulcer of stomach and duodenum 531-533	7	7								2	
46 Appendicitis 540-543	1	1									
47 Hernia & intestinal obstruction 550-553,560	4	4				1				1	
48 Chronic liver disease and cirrhosis 571	27	20	7							5	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3								1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	32	26	6		1	5				6	
51 Infections of kidney 590	2	1	1								
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1									
54 Congenital anomalies 740-759	13	11	2	1						3	
55 Certain conditions originating in the perinatal period 760-779	13	9	4	1	1	3					
56 Symptoms and ill-defined conditions 780-799	17	15	2			2				5	
57 All other diseases Residual	234	200	34	10		9	3	2		57	2
58 Accidents E800-E949	109	98	11	5		13	1	5		26	1
59 Motor vehicle accidents E810-E825	55	54	1	4		9		4		15	
60 Home accidents (Home) E850-E949	18	12	6				1			4	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	36	32	4	1		4		1		7	
62 Suicide E950-E959	52	47	5	2	1	4		2		13	
63 Homicide and legal intervention E960-E978	20	12	8		1	1		1		2	
64 Other external causes E980-E999	1	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 5 (continued)

Cause of Death	Clifton Forge		Covington		Roanoke City		Salem	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	82	12	78	16	980	254	230	20
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018					1			
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038			2		14	5	5	1
8 Acute poliomyelitis 045		1						
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097						1		
12 Other infectious & parasitic diseases Residual of 001-139		1			4	2	1	
13 Malignant neoplasms 140-208	14	1	18	2	197	54	41	4
14 Lip, oral cavity and pharynx 140-149			1	1	7	5		
15 Digestive organs and peritoneum 150-159	2		3		44	14	9	2
16 Respiratory & intrathoracic organs 160-165	6	1	6		70	13	13	2
17 Breast 174-175					15	7	1	
18 Genital organs 179-187	1			1	15	7	2	
19 Urinary organs 188-189	3				7	1	1	
20 Other & unspecified sites 170-173,190-199	2		6		25	4	11	
21 Leukemia 204-208			1		4	1	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			1		10	2	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					4	1	2	
24 Diabetes mellitus 250	2		2	1	5	6	2	1
25 Nutritional deficiencies 260-269					1			
26 Anemias 280-285					2	1		
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	46	8	41	10	467	114	120	12
29 Diseases of heart 390-398,402,404-429	35	4	32	9	360	86	92	6
30 Rheumatic fever and rheumatic heart disease 390-398					5			
31 Hypertensive heart disease 402				1	8	2	3	
32 Hypertensive heart & renal disease 404						1		
33 Ischemic heart disease 410-414	31	3	24	8	219	50	55	3
34 Acute myocardial infarction 410	16	2	11	4	108	18	28	
35 Other ischemic heart disease 411-414	15	1	13	4	111	32	27	3
36 Other diseases of endocardium 424			1		6	1		
37 All other forms of heart disease 415-423,425-429	4	1	7		122	32	34	3
38 Hypertension 401,403					1	3		
39 Cerebrovascular diseases. 430-438	8	3	7	1	78	18	21	6
40 Atherosclerosis 440	1				17	4	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2	1	2		11	3	5	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	3		1		39	4	8	
44 Chronic obstructive pulmonary diseases 490-496	3		4		44	4	9	
45 Ulcer of stomach and duodenum 531-533					5			
46 Appendicitis 540-543					1			
47 Hernia & intestinal obstruction 550-553,560					1		1	
48 Chronic liver disease and cirrhosis 571			3		10	7	2	
49 Cholelithiasis and other disorders of gall bladder 574-575					2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		1	1	7	3	3	1
51 Infections of kidney 590					1	1		
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676					1			
54 Congenital anomalies 740-759					6	2	1	
55 Certain conditions originating in the perinatal period 760-779					5	3		
56 Symptoms and ill-defined conditions 780-799					8	2		
57 All other diseases Residual	9	1	2	2	89	25	22	1
58 Accidents E800-E949		1	2		40	8	7	
59 Motor vehicle accidents E810-E825			1		17	1	4	
60 Home accidents (Home) E850-E949		1			8	3		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949			1		15	4	3	
62 Suicide E950-E959	1		2		18	4	5	
63 Homicide and legal intervention E960-E978					7	7	1	
64 Other external causes E980-E999					1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 6

Cause of Death	Planning District 6			Augusta		Bath		Highland		Rockbridge	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,993	1,872	121	362	14	62	3	43		174	9
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	15	15		3		1		3			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1									
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	4	3	1								
13 Malignant neoplasms 140-208	419	392	27	81	3	17	2	11		39	3
14 Lip, oral cavity and pharynx 140-149	10	8	2	1				1			
15 Digestive organs and peritoneum 150-159	97	93	4	23	1	3		1		10	
16 Respiratory & intrathoracic organs 160-165	114	104	10	20	2	5		4		14	2
17 Breast 174-175	38	36	2	7		1		2		4	
18 Genital organs 179-187	50	43	7	7		5	1	3		1	
19 Urinary organs 188-189	13	13		5							
20 Other & unspecified sites 170-173,190-199	58	57	1	13		1	1			5	
21 Leukemia 204-208	14	13	1	1		1					1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	25		4		1				5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	6	1							1	
24 Diabetes mellitus 250	30	24	6	4		3				2	
25 Nutritional deficiencies 260-269	2	2		1							
26 Anemias 280-285	3	3									
27 Meningitis 320-322	2	2									
28 Major cardiovascular diseases 390-448	981	930	51	183	4	27	1	19		81	3
29 Diseases of heart 390-398,402,404-429	746	708	38	142	3	22	1	17		58	1
30 Rheumatic fever and rheumatic heart disease 390-398	1	1									
31 Hypertensive heart disease 402	8	7	1	3			1				
32 Hypertensive heart & renal disease 404	2	2									
33 Ischemic heart disease 410-414	452	425	27	90	2	12		10		34	1
34 Acute myocardial infarction 410	292	277	15	55	1	7		8		22	1
35 Other ischemic heart disease 411-414	160	148	12	35	1	5		2		12	
36 Other diseases of endocardium 424	16	16		3						1	
37 All other forms of heart disease 415-423,425-429	267	253	10	46	1	10		7		23	
38 Hypertension 401,403	3	3		1							
39 Cerebrovascular diseases 430-438	186	179	9	32	1	4		2		17	1
40 Atherosclerosis 440	20	19	1	3		1				2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	24	21	3	5						4	1
42 Acute bronchitis and bronchiolitis 466	1	1									
43 Pneumonia and influenza 480-487	83	78	5	11	2	1				4	
44 Chronic obstructive pulmonary diseases 490-496	61	60	1	5		4		4		4	
45 Ulcer of stomach and duodenum 531-533	5	5		1						1	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	8	7	1		1					1	
48 Chronic liver disease and cirrhosis 571	20	18	2	4		1					
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2		1						1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	15	14	1	4						1	
51 Infections of kidney 590	2	2		1							
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	4	4		1						1	
55 Certain conditions originating in the perinatal period 760-779	7	5	2	2							2
56 Symptoms and ill-defined conditions 780-799	19	15	4	4				1			
57 All other diseases Residual	172	160	12	27	2	2		4		19	
58 Accidents E800-E949	93	88	5	23	2	5				13	1
59 Motor vehicle accidents E810-E825	54	52	2	17	1	3				10	
60 Home accidents (Home) E850-E949	11	10	1		1	1					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	28	26	2	6		1				3	1
62 Suicide E950-E959	23	23		4		1		1		5	
63 Homicide and legal intervention E960-E978	14	12	2	2						1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 6 (continued)

Cause of Death	Rockingham		Buena Vista		Harrison-burg		Lexington		Staunton		Waynes-boro	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	503	7	80	5	183	9	49	14	226	43	190	17
1 Shigellosis and amebiasis 004,006												
2 Certain other intestinal infections 007-009												
3 Tuberculosis, all forms 010-018												
4 Whooping cough 033												
5 Streptococcal sore throat, scarlatina and erysipelas 034-035												
6 Meningococcal infection 036												
7 Septicemia 038	3		1				1		2		1	
8 Acute poliomyelitis 045												
9 Measles 055												
10 Viral hepatitis 070			1									
11 Syphilis 090-097												
12 Other infectious & parasitic diseases ... Residual of 001-139	2								1	1		
13 Malignant neoplasms 140-208	106	1	12	1	25	2	11	3	50	9	40	3
14 Lip, oral cavity and pharynx 140-149	2							1	3	1	1	
15 Digestive organs and peritoneum 150-159	22		4	1	11	1	3		9		7	1
16 Respiratory & intrathoracic organs 160-165	24		4		3	1	3	1	13	3	14	1
17 Breast 174-175	9	1	2		2		2		5	1	2	
18 Genital organs 179-187	21				2		1	1	2	4	1	1
19 Urinary organs 188-189	1				1				5		1	
20 Other & unspecified sites 170-173,190-199	18		2		3		1		6		8	
21 Leukemia 204-208	3				1		1		2		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6				2				5		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1			1				2		1	
24 Diabetes mellitus 250	9					1	1		4	4	1	1
25 Nutritional deficiencies 260-269			1									
26 Anemias 280-285					2				1			
27 Meningitis 320-322					2							
28 Major cardiovascular diseases 390-448	249	5	47	2	95	4	25	10	109	16	95	6
29 Diseases of heart 390-398,402,404-429	195	3	33	2	73	2	17	6	74	15	77	5
30 Rheumatic fever and rheumatic heart disease 390-398									1			
31 Hypertensive heart disease 402	1				2						1	
32 Hypertensive heart & renal disease 404	1				1							
33 Ischemic heart disease 410-414	112	1	23	2	29	1	12	4	48	11	55	5
34 Acute myocardial infarction 410	80	1	18		23	1	8	4	25	5	31	2
35 Other ischemic heart disease 411-414	32		5	2	6		4		23	6	24	3
36 Other diseases of endocardium 424	7				3				2			
37 All other forms of heart disease ... 415-423,425-429	74	2	10		38	1	5	2	23	4	21	
38 Hypertension 401,403	1								1			
39 Cerebrovascular diseases. 430-438	45		12		19	2	5	3	29	1	14	1
40 Atherosclerosis 440	3	1	2		1		1		2		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	5	1			2		2	1	3			
42 Acute bronchitis and bronchiolitis 466	1											
43 Pneumonia and influenza 480-487	23		2		18		1		8	3	10	
44 Chronic obstructive pulmonary diseases 490-496	21		3		4		5		6		4	1
45 Ulcer of stomach and duodenum 531-533	2		1									
46 Appendicitis 540-543											3	
47 Hernia & intestinal obstruction 550-553,560	2		1									
48 Chronic liver disease and cirrhosis 571	4		1		1				4		3	2
49 Cholelithiasis and other disorders of gall bladder 574-575												
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6				2						1	1
51 Infections of kidney 590					1							
52 Hyperplasia of prostate 600												
53 Complications of pregnancy, childbirth, and the puerperium 630-676												
54 Congenital anomalies 740-759									1		1	
55 Certain conditions originating in the perinatal period 760-779	2										1	
56 Symptoms and ill-defined conditions 780-799	2		1		4	2			3	2		
57 All other diseases Residual	38		7	2	18		4	1	23	6	18	1
58 Accidents E800-E949	24		1		4		1		9	1	8	1
59 Motor vehicle accidents E810-E825	9		1		1		1		6		4	1
60 Home accidents (Home) E850-E949	4				1				3		1	
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	11				2					1	3	
62 Suicide E950-E959	7				3				1		1	
63 Homicide and legal intervention E960-E978	1		1		3				2	1	2	1
64 Other external causes E980-E999												

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 7

Cause of Death	Planning District 7			Clarke		Frederick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,431	1,355	76	113	15	268	9
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1	1		1			
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	11	10	1				
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	5	5					
13 Malignant neoplasms 140-208	321	307	14	27	3	58	2
14 Lip, oral cavity and pharynx 140-149	1	1				1	
15 Digestive organs and peritoneum 150-159	80	76	4	4	1	10	
16 Respiratory & intrathoracic organs 160-165	97	92	5	13	1	22	1
17 Breast 174-175	24	24				8	
18 Genital organs 179-187	34	31	3	3	1	1	1
19 Urinary organs 188-189	11	11		1		4	
20 Other & unspecified sites 170-173,190-199	44	44		3		8	
21 Leukemia 204-208	11	10	1			2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	19	18	1	3		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4					
24 Diabetes mellitus 250	19	16	3	1	1	2	
25 Nutritional deficiencies 260-269	2	2				1	
26 Anemias 280-285	2	2				1	
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	695	659	36	63	10	134	2
29 Diseases of heart 390-398,402,404-429	559	529	30	50	8	112	2
30 Rheumatic fever and rheumatic heart disease 390-398	7	7		1		1	
31 Hypertensive heart disease 402	13	11	2	3	2	1	
32 Hypertensive heart & renal disease 404	1	1					
33 Ischemic heart disease 410-414	310	293	17	18	1	64	
34 Acute myocardial infarction 410	153	150	3	8		25	
35 Other ischemic heart disease 411-414	157	143	14	10	1	39	
36 Other diseases of endocardium 424	11	11				2	
37 All other forms of heart disease 415-423,425-429	217	206	11	28	5	44	2
38 Hypertension 401,403	6	5	1	2	1		
39 Cerebrovascular diseases 430-438	104	99	5	8	1	18	
40 Atherosclerosis 440	13	13				2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	13	13		3		2	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	48	45	3	3		6	
44 Chronic obstructive pulmonary diseases 490-496	36	36		2		7	
45 Ulcer of stomach and duodenum 531-533	4	4				1	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	10	10				1	
48 Chronic liver disease and cirrhosis 571	7	7				1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	14	13	1	1		4	1
51 Infections of kidney 590	1	1				1	
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	14	12	2			4	
55 Certain conditions originating in the perinatal period 760-779	8	8				3	
56 Symptoms and ill-defined conditions 780-799	25	24	1			9	1
57 All other diseases Residual	108	100	8	9	1	15	2
58 Accidents E800-E949	65	63	2	4		13	
59 Motor vehicle accidents E810-E825	36	34	2	3		7	
60 Home accidents (Home) E850-E949	12	12				4	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	17		1		2	
62 Suicide E950-E959	23	22	1	2		6	
63 Homicide and legal intervention E960-E978	7	3	4				1
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 7 (continued)

Cause of Death	Page		Shenandoah		Warren		Winchester	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	201	7	307	3	216	24	250	18
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	3	1	4				3	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139	2		1		1		1	
13 Malignant neoplasms 140-208	42	1	67		52	3	61	5
14 Lip, oral cavity and pharynx 140-149								
15 Digestive organs and peritoneum 150-159	10		15		17	1	20	2
16 Respiratory & intrathoracic organs 160-165	9		18		13	2	17	1
17 Breast 174-175	2		3		6		5	
18 Genital organs 179-187	4		7		8		8	1
19 Urinary organs 188-189			3		2		1	
20 Other & unspecified sites 170-173,190-199	11		14		4		4	
21 Leukemia 204-208	1		3		1		3	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5	1	4		1		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		1		2			
24 Diabetes mellitus 250	3		5	1	1	1	4	
25 Nutritional deficiencies 260-269	1							
26 Anemias 280-285			1					
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	93	5	150	1	104	12	115	6
29 Diseases of heart 390-398,402,404-429	73	4	112		87	10	95	6
30 Rheumatic fever and rheumatic heart disease 390-398			1		2		2	
31 Hypertensive heart disease 402			2		1		4	
32 Hypertensive heart & renal disease 404							1	
33 Ischemic heart disease 410-414	48	4	66		47	6	50	6
34 Acute myocardial infarction 410	32	1	33		22	1	30	1
35 Other ischemic heart disease 411-414	16	3	33		25	5	20	5
36 Other diseases of endocardium 424	4		3		2			
37 All other forms of heart disease 415-423,425-429	21		40		35	4	38	
38 Hypertension 401,403					3			
39 Cerebrovascular diseases. 430-438	17	1	26	1	14	2	16	
40 Atherosclerosis 440	1		9				1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		3				3	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	7		14		8	2	7	1
44 Chronic obstructive pulmonary diseases 490-496	7		6		9		5	
45 Ulcer of stomach and duodenum 531-533					2		1	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560			3		2		4	
48 Chronic liver disease and cirrhosis 571	1		1		2		2	
49 Cholelithiasis and other disorders of gall bladder 574-575								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3				2		3	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	2		1		1	1	4	1
55 Certain conditions originating in the perinatal period 760-779	2		1				2	
56 Symptoms and ill-defined conditions 780-799			6				9	
57 All other diseases Residual	20		22	1	17	1	17	3
58 Accidents E800-E949	11		14		11	2	10	
59 Motor vehicle accidents E810-E825	6		6		5	2	7	
60 Home accidents (Home) E850-E949	2		2		2		2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	3		6		4		1	
62 Suicide E950-E959	3		7		2		2	1
63 Homicide and legal intervention E960-E978			3			2		1
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 8

Cause of Death	Planning District 8			Arlington		Fairfax		Loudoun		Prince William	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	6,351	5,570	781	1,032	125	2,709	285	370	45	498	75
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009	1		1								
3 Tuberculosis, all forms 010-018	5	3	2		1	3	1				
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1				1					
7 Septicemia 038	57	45	12	5	3	28	2	1	1	2	2
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	4	3	1	1		2					
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	91	75	16	24	5	32	3	1		7	
13 Malignant neoplasms 140-208	1,746	1,555	191	251	29	824	70	104	11	122	19
14 Lip, oral cavity and pharynx 140-149	32	29	3	2	1	16	1	1		2	1
15 Digestive organs and peritoneum 150-159	402	352	50	50	11	201	17	19	5	28	1
16 Respiratory & intrathoracic organs 160-165	469	423	46	74	5	202	12	32	4	38	5
17 Breast 174-175	183	172	11	23	1	95	3	12		16	2
18 Genital organs 179-187	180	157	23	32	4	84	11	11		8	2
19 Urinary organs 188-189	66	57	9	10	1	23	4	6	1	4	1
20 Other & unspecified sites 170-173,190-199	247	217	30	35	4	121	10	13	1	17	6
21 Leukemia 204-208	64	53	11	11	1	28	8	5		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	103	95	8	14	1	54	4	5		7	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	24	23	1	4		12	1	3		3	
24 Diabetes mellitus 250	98	81	17	20	2	37	8	4	2	6	
25 Nutritional deficiencies 260-269	8	6	2		1	5		1			
26 Anemias 280-285	12	11	1	3		5				1	1
27 Meningitis 320-322	3	2	1			1		1			
28 Major cardiovascular diseases 390-448	2,495	2,238	257	449	40	1,055	94	154	13	175	28
29 Diseases of heart 390-398,402,404-429	1,954	1,765	189	356	32	843	65	116	13	136	18
30 Rheumatic fever and rheumatic heart disease 390-398	21	18	3	4		9	1			1	1
31 Hypertensive heart disease 402	40	34	6	8	2	12	4	2		3	
32 Hypertensive heart & renal disease 404	3	2	1	1			1				
33 Ischemic heart disease 410-414	1,124	1,040	84	233	21	493	25	71	9	84	9
34 Acute myocardial infarction 410	472	447	25	91	5	218	9	33	2	38	3
35 Other ischemic heart disease 411-414	652	593	59	142	16	275	16	38	7	46	6
36 Other diseases of endocardium 424	32	31	1	4		17		4		2	
37 All other forms of heart disease 415-423,425-429	734	640	94	106	9	312	34	39	4	46	8
38 Hypertension 401,403	16	13	3	1		6		3		2	1
39 Cerebrovascular diseases. 430-438	373	322	51	67	6	139	24	28		27	6
40 Atherosclerosis 440	86	77	9	16	2	32	3	3		8	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	66	61	5	9		35	2	4		2	2
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	191	171	20	47	7	63	2	18	3	13	1
44 Chronic obstructive pulmonary diseases 490-496	215	206	9	27		106	4	17	1	22	
45 Ulcer of stomach and duodenum 531-533	10	10		1		4		2			
46 Appendicitis 540-543	1	1				1					
47 Hernia & intestinal obstruction 550-553,560	7	6	1	1		4		1	1		
48 Chronic liver disease and cirrhosis 571	72	63	9	10	1	28	5	2	1	10	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5				3				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	76	61	15	15	1	26	6	4	2	4	1
51 Infections of kidney 590	3	2	1	1		1	1				
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	64	52	12	9	2	27	3	2		5	3
55 Certain conditions originating in the perinatal period 760-779	76	44	32	4	6	22	16	3		12	3
56 Symptoms and ill-defined conditions 780-799	78	58	20	8	3	24	6	5	1	10	2
57 All other diseases Residual	477	412	65	90	7	189	21	20	8	35	6
58 Accidents E800-E949	305	259	46	31	8	119	22	16	1	46	3
59 Motor vehicle accidents E810-E825	137	120	17	11	2	53	10	7	1	26	1
60 Home accidents (Home) E850-E949	51	45	6	7		26	3			7	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	117	94	23	13	6	40	9	9		13	2
62 Suicide E950-E959	174	153	21	26	4	74	9	11		20	4
63 Homicide and legal intervention E960-E978	37	17	20	2	3	10	8			3	2
64 Other external causes E980-E999	15	7	8	3	2	3	3			1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OF COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 8 (continued)

Cause of Death	Alexandria		Fairfax City		Falls Church		Manassas		Manassas Park	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	632	211	124	9	62	2	116	28	27	1
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009		1								
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	4	2	2		1		2	2		
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070		1								
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	11	8								
13 Malignant neoplasms 140-208	161	50	33	5	22	1	30	6	8	
14 Lip, oral cavity and pharynx 140-149	5		1				2			
15 Digestive organs and peritoneum 150-159	39	13	7	1	5		3	2		
16 Respiratory & intrathoracic organs 160-165	44	18	8	1	6		14	1	5	
17 Breast 174-175	18	4	2	1	2		2		2	
18 Genital organs 179-187	16	5	3				3	1		
19 Urinary organs 188-189	4	1	3	1	4		3			
20 Other & unspecified sites 170-173,190-199	21	7	6	1	3	1	1			
21 Leukemia 204-208	5	1	1				1	1		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	1	2		2		1	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1									
24 Diabetes mellitus 250	9	5	3				2			
25 Nutritional deficiencies 260-269		1								
26 Anemias 280-285	2									
27 Meningitis 320-322		1								
28 Major cardiovascular diseases 390-448	269	71	53	3	31	1	44	6	8	1
29 Diseases of heart 390-398,402,404-429	210	53	37	1	23	1	36	5	8	1
30 Rheumatic fever and rheumatic heart disease 390-398	2						2	1		
31 Hypertensive heart disease 402	5		3		1					
32 Hypertensive heart & renal disease 404			1							
33 Ischemic heart disease 410-414	103	19	22		15		14	1	5	
34 Acute myocardial infarction 410	40	6	10		8		6		3	
35 Other ischemic heart disease 411-414	63	13	12		7		8	1	2	
36 Other diseases of endocardium 424	3	1	1							
37 All other forms of heart disease 415-423,425-429	97	33	10	1	7	1	20	3	3	1
38 Hypertension 401,403	1	2								
39 Cerebrovascular diseases. 430-438	41	12	11	2	5		4	1		
40 Atherosclerosis 440	9	3	4		2		3			
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	1	1		1		1			
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	24	7	1		2		2		1	
44 Chronic obstructive pulmonary diseases 490-496	21	3	4		3		6	1		
45 Ulcer of stomach and duodenum 531-533	1		1				1			
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction 550-553,560										
48 Chronic liver disease and cirrhosis 571	11	2					1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575							1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	4					4	1	1	
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	4	2	3	1			2	1		
55 Certain conditions originating in the perinatal period 760-779	2	6					1	1		
56 Symptoms and ill-defined conditions 780-799	7	8	2				1		1	
57 All other diseases Residual	52	19	13		2		9	4	2	
58 Accidents E800-E949	27	10	8				8	2	4	
59 Motor vehicle accidents E810-E825	8	3	4				8		3	
60 Home accidents (Home) E850-E949	2	3	2						1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	4	2					2		
62 Suicide E950-E959	18	3	1		1		1	1	1	
63 Homicide and legal intervention E960-E978	1	5					1	2		
64 Other external causes E980-E999		2						1		

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 9

Cause of Death	Planning District 9			Culpeper		Fauquier	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,011	846	165	197	49	311	65
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	2	1	1		1		
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036	1	1				1	
7 Septicemia 038	11	10	1	1		4	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	2	1	1				1
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	4	1	3		1	1	1
13 Malignant neoplasms 140-208	228	191	37	43	13	75	13
14 Lip, oral cavity and pharynx 140-149	2	2				2	
15 Digestive organs and peritoneum 150-159	55	41	14	11	6	14	5
16 Respiratory & intrathoracic organs 160-165	70	60	10	12	2	29	4
17 Breast 174-175	15	13	2	5		2	1
18 Genital organs 179-187	32	27	5	5	3	9	2
19 Urinary organs 188-189	11	8	3	2	2	4	
20 Other & unspecified sites 170-173,190-199	28	27	1	5		12	
21 Leukemia 204-208	6	4	2	1		1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	9		2		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1				1	
24 Diabetes mellitus 250	23	19	4	3		8	
25 Nutritional deficiencies 260-269	1	1				1	
26 Anemias 280-285	2	1	1			1	1
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	464	385	79	93	22	149	33
29 Diseases of heart 390-398,402,404-429	348	287	61	70	15	115	27
30 Rheumatic fever and rheumatic heart disease 390-398	4	3	1			3	
31 Hypertensive heart disease 402	8	4	4	2	2		
32 Hypertensive heart & renal disease 404							
33 Ischemic heart disease 410-414	187	164	23	46	6	57	14
34 Acute myocardial infarction 410	116	108	8	26	1	40	6
35 Other ischemic heart disease 411-414	71	56	15	20	5	17	8
36 Other diseases of endocardium 424	7	7		2		2	
37 All other forms of heart disease 415-423,425-429	142	109	33	20	7	53	13
38 Hypertension 401,403	2	1	1		1	1	
39 Cerebrovascular diseases. 430-438	89	78	11	18	6	27	2
40 Atherosclerosis 440	12	8	4	3		1	3
41 Other diseases of arteries, arterioles, and capillaries 441-448	13	11	2	2		5	1
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	31	29	2	7		6	1
44 Chronic obstructive pulmonary diseases 490-496	35	35		11		8	
45 Ulcer of stomach and duodenum 531-533							
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	8	7	1	1		4	
48 Chronic liver disease and cirrhosis 571	6	5	1			3	1
49 Cholelithiasis and other disorders of gall bladder 574-575	4	3	1	1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	7	5	1	4	2	1
51 Infections of kidney 590							
52 Hyperplasia of prostate 600	1	1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	3	2	1				1
55 Certain conditions originating in the perinatal period 760-779	8	6	2	1	1	1	1
56 Symptoms and ill-defined conditions 780-799	3	3				3	
57 All other diseases Residual	67	59	8	16	1	16	3
58 Accidents E800-E949	68	57	11	16	4	19	5
59 Motor vehicle accidents E810-E825	38	34	4	7	1	15	2
60 Home accidents (Home) E850-E949	9	7	2	2	1	1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	21	16	5	7	2	3	2
62 Suicide E950-E959	18	16	2	2		6	2
63 Homicide and legal intervention E960-E978	8	4	4	1	2	2	1
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 9 (continued)

Cause of Death	Madison		Orange		Rappahannock	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	101	14	186	30	51	7
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018	1					
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	2		2	1	1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070			1			
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139				1		
13 Malignant neoplasms 140-208	20	2	45	6	8	3
14 Lip, oral cavity and pharynx 140-149						
15 Digestive organs and peritoneum 150-159	6	2	8		2	1
16 Respiratory & intrathoracic organs 160-165	5		13	2	1	2
17 Breast 174-175			5	1	1	
18 Genital organs 179-187	3		6		4	
19 Urinary organs 188-189			2	1		
20 Other & unspecified sites 170-173,190-199	3		7	1		
21 Leukemia 204-208	1		1	1		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		3			
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	2	2	3	2	3	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	45	7	77	15	21	2
29 Diseases of heart 390-398,402,404-429	33	5	55	12	14	2
30 Rheumatic fever and rheumatic heart disease 390-398						1
31 Hypertensive heart disease 402	1		1	2		
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	26		29	3	6	
34 Acute myocardial infarction 410	19		20	1	3	
35 Other ischemic heart disease 411-414	7		9	2	3	
36 Other diseases of endocardium 424			3			
37 All other forms of heart disease 415-423,425-429	6	5	22	7	8	1
38 Hypertension 401,403						
39 Cerebrovascular diseases. 430-438	9	2	19	1	5	
40 Atherosclerosis 440	2		1	1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		2	1	1	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	6		8		2	1
44 Chronic obstructive pulmonary diseases 490-496	3		10		3	
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560		1	2			
48 Chronic liver disease and cirrhosis 571			2			
49 Cholelithiasis and other disorders of gall bladder 574-575		1			2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			4			
51 Infections of kidney 590						
52 Hyperplasia of prostate 600					1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			2			
55 Certain conditions originating in the perinatal period 760-779	2				2	
56 Symptoms and ill-defined conditions 780-799						
57 All other diseases Residual	10		14	3	3	1
58 Accidents E800-E949	6	1	13	1	3	
59 Motor vehicle accidents E810-E825	3	1	8		1	
60 Home accidents (Home) E850-E949	1		2		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	2		3	1	1	
62 Suicide E950-E959	4		2		2	
63 Homicide and legal intervention E960-E978			1	1		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 10

Cause of Death	Planning District 10			Albemarle		Fluvanna		Greene	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,244	958	286	309	67	63	30	69	10
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	16	13	3	3	2	1		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	4	2	2		1		1	1	
13 Malignant neoplasms 140-208	290	233	57	70	20	16	3	17	2
14 Lip, oral cavity and pharynx 140-149	7	7		2					
15 Digestive organs and peritoneum 150-159	57	47	10	13	2	2	1	1	
16 Respiratory & intrathoracic organs 160-165	85	63	22	23	8	4	1	7	1
17 Breast 174-175	22	21	1	7	1	2		1	
18 Genital organs 179-187	41	32	9	8	2	3		4	1
19 Urinary organs 188-189	12	11	1	2	1				
20 Other & unspecified sites 170-173,190-199	47	38	9	12	3	4		4	
21 Leukemia 204-208	8	4	4	1	3		1		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	10	1	2		1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	4	1	1	1				
24 Diabetes mellitus 250	14	12	2						
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	3	2	1	1					
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	558	421	137	143	25	31	15	29	4
29 Diseases of heart 390-398,402,404-429	418	320	98	109	19	23	8	21	3
30 Rheumatic fever and rheumatic heart disease 390-398	1		1						
31 Hypertensive heart disease 402	10	6	4			1	1	1	
32 Hypertensive heart & renal disease 404									
33 Ischemic heart disease 410-414	258	205	53	73	11	15	2	11	2
34 Acute myocardial infarction 410	150	115	35	41	4	7	1	7	1
35 Other ischemic heart disease 411-414	108	90	18	32	7	8	1	4	1
36 Other diseases of endocardium 424	9	5	4	2	1			1	
37 All other forms of heart disease 415-423,425-429	140	104	36	34	7	7	5	8	1
38 Hypertension 401,403	2	2							
39 Cerebrovascular diseases 430-438	105	76	29	26	6	8	6	6	
40 Atherosclerosis 440	21	15	6	4			1	1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	12	8	4	4				1	
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	39	32	7	11	2	1	1	3	
44 Chronic obstructive pulmonary diseases 490-496	54	43	11	14	3	3	1	3	1
45 Ulcer of stomach and duodenum 531-533	1	1						1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	2	2							
48 Chronic liver disease and cirrhosis 571	12	10	2	4		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	2	1	1		1				
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	19	15	4	5	1	2			
51 Infections of kidney 590	1	1				1			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	11	7	4	4			2	1	
55 Certain conditions originating in the perinatal period 760-779	7	7		4					
56 Symptoms and ill-defined conditions 780-799	8	8		3				1	
57 All other diseases Residual	96	69	27	26	7	3	1	4	3
58 Accidents E800-E949	65	48	17	12	1	3	4	7	
59 Motor vehicle accidents E810-E825	27	19	8	6	1	2	1	4	
60 Home accidents (Home) E850-E949	11	9	2						
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	27	20	7	6		1	3	3	
62 Suicide E950-E959	22	20	2	6	1			1	
63 Homicide and legal intervention E960-E978	14	6	8	2	2	1	2		
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 10 (continued)

Cause of Death	Louisa		Nelson		Charlottesville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	135	55	99	35	283	89
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	2		3		3	1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1					
13 Malignant neoplasms 140-208	25	9	22	6	83	17
14 Lip, oral cavity and pharynx 140-149	1				4	
15 Digestive organs and peritoneum 150-159	8	1	4	4	19	2
16 Respiratory & intrathoracic organs 160-165	5	5	6		18	7
17 Breast 174-175	5		3		3	
18 Genital organs 179-182	2		3	1	12	5
19 Urinary organs 188-189	1				8	
20 Other & unspecified sites 170-173,190-199	2	2	5	1	11	3
21 Leukemia 204-208					3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1	1	1		5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					3	
24 Diabetes mellitus 250	7				5	2
25 Nutritional deficiencies 260-269						
26 Anemias 280-285	1	1				
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	58	25	46	20	114	48
29 Diseases of heart 390-398,402,404-429	48	19	38	16	81	33
30 Rheumatic fever and rheumatic heart disease 390-398						1
31 Hypertensive heart disease 402			3	1	1	2
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	30	15	24	11	52	12
34 Acute myocardial infarction 410	16	11	13	9	31	9
35 Other ischemic heart disease 411-414	14	4	11	2	21	3
36 Other diseases of endocardium 424				1	2	2
37 All other forms of heart disease 415-423,425-429	18	4	11	3	26	16
38 Hypertension 401,403	1				1	
39 Cerebrovascular diseases. 430-438	8	4	7	4	21	9
40 Atherosclerosis 440	1				9	4
41 Other diseases of arteries, arterioles, and capillaries 441-448		2	1		2	2
42 Acute bronchitis and bronchiolitis 466					1	
43 Pneumonia and influenza 480-487	2	3	4		11	1
44 Chronic obstructive pulmonary diseases 490-496	3	3	9	2	11	1
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560			1		1	
48 Chronic liver disease and cirrhosis 571	1		1		3	2
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	2	1	1	4	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1	1	1			1
55 Certain conditions originating in the perinatal period 760-779			1		2	
56 Symptoms and ill-defined conditions 780-799	2				2	
57 All other diseases Residual	11	4	5	2	20	10
58 Accidents E800-E949	10	5	4	3	12	4
59 Motor vehicle accidents E810-E825	2	4	1	2	4	
60 Home accidents (Home) E850-E949	3		2	1	4	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	5	1	1		4	3
62 Suicide E950-E959	7	1	1		5	
63 Homicide and legal intervention E960-E978	1	1		1	2	2
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 11

Cause of Death	Planning District 11			Amherst		Appomattox		Bedford	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,982	1,572	410	190	60	119	27	287	54
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	1		1						1
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1						
7 Septicemia 038	19	15	4		1	1		1	2
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	2	2		1					
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	8	4	4		1				
13 Malignant neoplasms 140-208	466	362	104	48	14	29	9	64	15
14 Lip, oral cavity and pharynx 140-149	8	6	2	3				1	
15 Digestive organs and peritoneum 150-159	125	96	29	15	3	6	3	13	3
16 Respiratory & intrathoracic organs 160-165	131	104	27	17	6	7	2	20	3
17 Breast 174-175	34	29	5	3		2	1	9	1
18 Genital organs 179-187	55	40	15	2	1	3	2	8	4
19 Urinary organs 188-189	25	22	3	2	1	4		5	1
20 Other & unspecified sites 170-173,190-199	50	35	15	2	2	3	1	5	3
21 Leukemia 204-208	13	10	3	2				2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	20	5	2	1	4		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	6	1	1				1	
24 Diabetes mellitus 250	22	18	4			3		3	
25 Nutritional deficiencies 260-269	3	3						1	
26 Anemias 280-285	1	1							
27 Meningitis 320-322	1	1						1	
28 Major cardiovascular diseases 390-448	894	714	180	97	30	55	11	134	24
29 Diseases of heart 390-398,402,404-429	677	547	130	76	25	43	7	98	15
30 Rheumatic fever and rheumatic heart disease 390-398	7	7		2				2	
31 Hypertensive heart disease 402	16	13	3	1				1	
32 Hypertensive heart & renal disease 404	2	1	1		1				
33 Ischemic heart disease 410-414	434	358	76	55	17	33	5	61	6
34 Acute myocardial infarction 410	255	207	48	41	9	17	3	34	4
35 Other ischemic heart disease 411-414	179	151	28	14	8	16	2	27	2
36 Other diseases of endocardium 424	10	8	2	1		3		1	
37 All other forms of heart disease 415-423,425-429	208	160	48	17	7	7	2	33	9
38 Hypertension 401,403	10	4	6			1	1	1	2
39 Cerebrovascular diseases 430-438	173	137	36	11	3	10	3	29	4
40 Atherosclerosis 440	16	14	2	3	1			5	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	18	12	6	2	1	1		1	2
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	72	60	12	13	4	6	1	7	
44 Chronic obstructive pulmonary diseases 490-496	77	68	9	6	3	2		13	1
45 Ulcer of stomach and duodenum 531-533	7	6	1					1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	6	6		1		1		2	
48 Chronic liver disease and cirrhosis 571	18	14	4	2	1	1		2	
49 Cholelithiasis and other disorders of gall bladder 574-575	4	4						1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	8	4						1
51 Infections of kidney 590									
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	12	9	3					1	1
55 Certain conditions originating in the perinatal period 760-779	10	4	6				2	2	
56 Symptoms and ill-defined conditions 780-799	13	9	4	3			1	3	1
57 All other diseases Residual	181	145	36	12	1	10	2	21	4
58 Accidents E800-E949	95	73	22	5	3	6	1	21	4
59 Motor vehicle accidents E810-E825	43	31	12	4	3	5	1	6	2
60 Home accidents (Home) E850-E949	24	21	3					10	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	28	21	7	1		1		5	2
62 Suicide E950-E959	31	28	3	2		4		5	
63 Homicide and legal intervention E960-E978	17	10	7	4	2	1		2	
64 Other external causes E980-E999	1	1						1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 11 (continued)

Cause of Death	Campbell		Bedford City		Lynchburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	271	70	107	16	598	183
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						1
7 Septicemia 038	4	1	3		6	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	1					
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1	3			3	
13 Malignant neoplasms 140-208	70	14	20	4	131	48
14 Lip, oral cavity and pharynx 140-149	1	1			1	1
15 Digestive organs and peritoneum 150-159	20	3	5	1	37	16
16 Respiratory & intrathoracic organs 160-165	15	2	6		39	14
17 Breast 174-175	2	1			13	2
18 Genital organs 179-187	11	3	5		11	5
19 Urinary organs 188-189	3		1		7	1
20 Other & unspecified sites 170-173,190-199	12	3	1	2	12	4
21 Leukemia 204-208	1	1	1		4	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5		1	1	7	3
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2		1	1	1	
24 Diabetes mellitus 250	5	2			7	2
25 Nutritional deficiencies 260-269			1		1	
26 Anemias 280-285					1	
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	111	23	48	8	274	84
29 Diseases of heart 390-398,402,404-429	92	19	28	4	210	60
30 Rheumatic fever and rheumatic heart disease 390-398	2				1	
31 Hypertensive heart disease 402	3				8	3
32 Hypertensive heart & renal disease 404					1	
33 Ischemic heart disease 410-414	60	13	17	3	132	32
34 Acute myocardial infarction 410	36	8	12	2	67	22
35 Other ischemic heart disease 411-414	24	5	5	1	65	10
36 Other diseases of endocardium 424	2				1	2
37 All other forms of heart disease 415-423,425-429	25	6	11	1	67	23
38 Hypertension 401,403		1		1	2	1
39 Cerebrovascular diseases 430-438	16	3	18	3	53	20
40 Atherosclerosis 440	1				5	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		2		4	3
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	11	2	3		20	5
44 Chronic obstructive pulmonary diseases 490-496	12	4	9		26	1
45 Ulcer of stomach and duodenum 531-533	2		1		2	1
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560					2	
48 Chronic liver disease and cirrhosis 571	3	1	1		5	2
49 Cholelithiasis and other disorders of gall bladder 574-575	2				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	1	1		4	2
51 Infections of kidney 590						
52 Hyperplasia of prostate 600					1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	3	1			5	1
55 Certain conditions originating in the perinatal period 760-779		1			2	3
56 Symptoms and ill-defined conditions 780-799		1	2		1	1
57 All other diseases Residual	22	7	9	2	71	20
58 Accidents E800-E949	11	4	5	1	25	9
59 Motor vehicle accidents E810-E825	9	3		1	7	2
60 Home accidents (Home) E850-E949	1		2		8	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	1	3		10	4
62 Suicide E950-E959	5	3	3		9	
63 Homicide and legal intervention E960-E978	3	2				3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 12

Cause of Death	Planning District 12			Franklin		Henry		Patrick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,385	1,822	563	278	35	358	82	146	10
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	29	18	11	3		6		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	6	4	2			2		1	
13 Malignant neoplasms 140-208	511	401	110	53	9	85	12	36	1
14 Lip, oral cavity and pharynx 140-149	7	4	3	1					
15 Digestive organs and peritoneum 150-159	98	82	16	10	1	9	2	11	1
16 Respiratory & intrathoracic organs 160-165	160	125	35	16	1	21	3	12	
17 Breast 174-175	46	35	11	5	1	12	3	3	
18 Genital organs 179-187	70	50	20	6	1	14	2	5	
19 Urinary organs 188-189	20	17	3			3		1	
20 Other & unspecified sites 170-173,190-199	62	51	11	9	2	16	1	2	
21 Leukemia 204-208	21	16	5	3	2	4			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	27	21	6	3	1	6	1	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	2	2					1	
24 Diabetes mellitus 250	40	29	11	4	1	10	2	6	
25 Nutritional deficiencies 260-269	12	8	4			1		1	
26 Anemias 280-285	5	5		1					
27 Meningitis 320-322	1	1		1					
28 Major cardiovascular diseases 390-448	1,103	839	264	138	18	143	37	51	4
29 Diseases of heart 390-398,402,404-429	873	674	199	104	15	126	30	43	3
30 Rheumatic fever and rheumatic heart disease 390-398	3	2	1		1	1		1	
31 Hypertensive heart disease 402	18	11	7	1		1	1		
32 Hypertensive heart & renal disease 404	1		1						
33 Ischemic heart disease 410-414	559	453	106	72	10	92	18	22	1
34 Acute myocardial infarction 410	291	233	58	46	6	46	12	13	
35 Other ischemic heart disease 411-414	268	220	48	26	4	46	6	9	1
36 Other diseases of endocardium 424	9	8	1			1		1	
37 All other forms of heart disease 415-423,425-429	283	200	83	31	4	31	11	19	2
38 Hypertension 401,403	5	4	1			1			
39 Cerebrovascular diseases. 430-438	184	128	56	29	3	11	7	6	
40 Atherosclerosis 440	17	13	4	2		3			1
41 Other diseases of arteries, arterioles, and capillaries 441-448	24	20	4	3		2		2	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	82	68	14	16	1	15	3	4	1
44 Chronic obstructive pulmonary diseases 490-496	86	78	8	5		16		3	
45 Ulcer of stomach and duodenum 531-533	2	2						1	
46 Appendicitis 540-543	1	1							
47 Hernia & intestinal obstruction 550-553,560	5	3	2	1		1	1		
48 Chronic liver disease and cirrhosis 571	25	18	7	1		5	1	4	
49 Cholelithiasis and other disorders of gall bladder 574-575	8	8		1		2		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	21	13	8	1	1	5		3	
51 Infections of kidney 590	2	2				1			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	2		2						
54 Congenital anomalies 740-759	11	9	2	2		2	1	1	
55 Certain conditions originating in the perinatal period 760-779	18	9	9	2		2		1	
56 Symptoms and ill-defined conditions 780-799	29	26	3	4	1	7	2	2	
57 All other diseases Residual	177	136	41	13	2	27	7	13	3
58 Accidents E800-E949	139	97	42	19	2	17	11	8	1
59 Motor vehicle accidents E810-E825	71	50	21	13	1	8	5	5	
60 Home accidents (Home) E850-E949	25	15	10	2		3	3	1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	43	32	11	4	1	6	3	2	
62 Suicide E950-E959	45	35	10	10		7	3	7	
63 Homicide and legal intervention E960-E978	21	10	11	3		4	2	1	
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 12 (continued)

Cause of Death	Pittsylvania		Danville		Martinsville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	460	183	438	164	142	89
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	7	4	1	5		2
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139			1	1		1
13 Malignant neoplasms 140-208	108	40	92	27	27	21
14 Lip, oral cavity and pharynx 140-149	2	1	1	1		1
15 Digestive organs and peritoneum 150-159	23	7	22	3	7	2
16 Respiratory & intrathoracic organs 160-165	37	16	36	9	3	6
17 Breast 174-175	9	3	2	3	4	1
18 Genital organs 179-187	14	10	10	5	1	2
19 Urinary organs 188-189	4		5	1	4	2
20 Other & unspecified sites 170-173,190-199	11		7	4	6	4
21 Leukemia 204-208	4	2	4		1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	1	5	1	1	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239		2	1			
24 Diabetes mellitus 250	4	4	3	2	2	2
25 Nutritional deficiencies 260-269	2	1	3	1	1	2
26 Anemias 280-285	2		2			
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	210	77	221	84	76	44
29 Diseases of heart 390-398,402,404-429	167	56	172	61	62	34
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402	2	4	4	1	3	1
32 Hypertensive heart & renal disease 404				1		
33 Ischemic heart disease 410-414	117	25	108	36	42	16
34 Acute myocardial infarction 410	61	14	55	18	12	8
35 Other ischemic heart disease 411-414	56	11	53	18	30	8
36 Other diseases of endocardium 424	2	1	3		1	
37 All other forms of heart disease 415-423,425-429	46	26	57	23	16	17
38 Hypertension 401,403	3					1
39 Cerebrovascular diseases. 430-438	31	20	40	17	11	9
40 Atherosclerosis 440	2		3	3	3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	1	6	3		
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	15	4	12	2	6	3
44 Chronic obstructive pulmonary diseases 490-496	26	2	23	2	5	4
45 Ulcer of stomach and duodenum 531-533	1					
46 Appendicitis 540-543	1					
47 Hernia & intestinal obstruction 550-553,560	1	1				
48 Chronic liver disease and cirrhosis 571	3	3	5	2		1
49 Cholelithiasis and other disorders of gall bladder 574-575			3		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	2		4	1	1
51 Infections of kidney 590					1	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676		2				
54 Congenital anomalies 740-759	4					1
55 Certain conditions originating in the perinatal period 760-779	3	1	1	7		1
56 Symptoms and ill-defined conditions 780-799	8				5	
57 All other diseases Residual	31	14	42	14	10	1
58 Accidents E800-E949	27	19	22	6	4	3
59 Motor vehicle accidents E810-E825	17	8	5	4	2	3
60 Home accidents (Home) E850-E949	2	5	6	1	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	8	6	11	1	1	
62 Suicide E950-E959	4	5	5	2	2	
63 Homicide and legal intervention E960-E978		2	1	5	1	2
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 13

Cause of Death	Planning District 13			Brunswick		Halifax		Mecklenburg		South Boston	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,005	612	393	84	103	209	109	243	150	76	31
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1		1				1				
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	10	6	4		1	4	1	2	2		
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	4	1	3		1	1	2				
13 Malignant neoplasms 140-208	217	128	89	24	24	41	21	42	39	21	5
14 Lip, oral cavity and pharynx 140-149	2	1	1	1	1						
15 Digestive organs and peritoneum 150-159	51	26	25	5	7	4	8	11	9	6	1
16 Respiratory & intrathoracic organs 160-165	62	44	18	10	4	17	4	12	9	4	1
17 Breast 174-175	15	10	5		1	4	1	4	3	2	
18 Genital organs 179-187	33	17	16	1	5	8	4	3	6	5	1
19 Urinary organs 188-189	7	6	1	3	1	1		1		1	
20 Other & unspecified sites 170-173,190-199	26	16	12	4	3	3	3	7	4	2	2
21 Leukemia 204-208	7	2	5		1	2			4		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	12	6	6		1	2	1	3	4	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239											
24 Diabetes mellitus 250	21	7	14		8	5	2	2	4		
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	1		1						1		
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	470	278	192	36	50	94	50	116	72	32	20
29 Diseases of heart 390-398,402,404-429	365	226	139	26	37	79	36	98	54	23	12
30 Rheumatic fever and rheumatic heart disease 390-398	3	1	2			1			2		
31 Hypertensive heart disease 402	10	3	7		4	3	2		1		
32 Hypertensive heart & renal disease 404	1		1				1				
33 Ischemic heart disease 410-414	230	147	83	20	19	50	24	67	29	10	11
34 Acute myocardial infarction 410	112	78	34	7	7	24	8	43	17	4	2
35 Other ischemic heart disease 411-414	118	69	49	13	12	26	16	24	12	6	9
36 Other diseases of endocardium 424	3	2	1	1				1	1		
37 All other forms of heart disease 415-423,425-429	118	73	45	5	14	25	9	30	21	13	1
38 Hypertension 401,403	3	2	1				1	1		1	
39 Cerebrovascular diseases 430-438	83	40	43	6	8	14	13	15	15	5	7
40 Atherosclerosis 440	11	6	5	3	2	1			2	2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	4	4	1	3			2	1	1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	42	29	13	2	3	13	4	11	4	3	2
44 Chronic obstructive pulmonary diseases 490-496	35	28	7	4	3	11	2	10	2	3	
45 Ulcer of stomach and duodenum 531-533	1	1						1			
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	3	2	1					2	1		
48 Chronic liver disease and cirrhosis 571	8	8		1		3		4			
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	20	11	9	1	2	2	4	6	3	2	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	4	2	2				2	2			
55 Certain conditions originating in the perinatal period 760-779	4	1	3				1	1	2		
56 Symptoms and ill-defined conditions 780-799	14	9	5			5	5	2		2	
57 All other diseases Residual	78	51	27	10	7	11	6	23	10	7	4
58 Accidents E800-E949	53	39	14	5	2	15	6	15	6	4	
59 Motor vehicle accidents E810-E825	26	21	5	3		8	3	8	2	2	
60 Home accidents (Home) E850-E949	9	6	3		1	1		4	2	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	18	12	6	2	1	6	3	3	2	1	
62 Suicide E950-E959	8	7	1			2	1	3		2	
63 Homicide and legal intervention E960-E978	10	3	7	1	2	1	1	1	4		
64 Other external causes E980-E999	1	1				1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 14

Cause of Death	Planning District 14			Amelia		Buckingham		Charlotte	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	982	588	394	48	45	80	48	92	49
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	1		1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	12	4	8	1	1		3	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	6	3	3				1		
13 Malignant neoplasms 140-208	217	131	86	10	14	20	10	17	10
14 Lip, oral cavity and pharynx 140-149	4	3	1			2			
15 Digestive organs and peritoneum 150-159	49	28	21	4	3	4	4	3	2
16 Respiratory & intrathoracic organs 160-165	59	43	16	3	4	3	2	6	2
17 Breast 174-175	15	10	5		1	2	2	2	
18 Genital organs 179-187	28	15	13		1	1		1	2
19 Urinary organs 188-189	11	6	5		2	2	1		
20 Other & unspecified sites 170-173,190-199	32	17	15	2	1	4	1	5	4
21 Leukemia 204-208	7	5	2	1	1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	12	4	8		1	1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1			1			
24 Diabetes mellitus 250	15	6	9			1	2		3
25 Nutritional deficiencies 260-269	1		1		1				
26 Anemias 280-285	2		2						1
27 Meningitis 320-322	1		1						
28 Major cardiovascular diseases 390-448	427	263	164	22	16	30	15	42	21
29 Diseases of heart 390-398,402,404-429	337	211	126	16	11	24	9	37	16
30 Rheumatic fever and rheumatic heart disease 390-398	2	1	1			1			
31 Hypertensive heart disease 402	4		4						
32 Hypertensive heart & renal disease 404	1	1						1	
33 Ischemic heart disease 410-414	195	125	70	9	5	16	5	23	10
34 Acute myocardial infarction 410	122	83	39	5	4	8	2	16	5
35 Other ischemic heart disease 411-414	73	42	31	4	1	8	3	7	5
36 Other diseases of endocardium 424	5	3	2	1					
37 All other forms of heart disease 415-423,425-429	130	81	49	6	6	7	4	13	6
38 Hypertension 401,403	1		1						1
39 Cerebrovascular diseases. 430-438	74	44	30	6	4	5	6	3	3
40 Atherosclerosis 440	6	3	3			1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	5	4		1			2	1
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	37	24	13	2	1	5		4	5
44 Chronic obstructive pulmonary diseases 490-496	36	30	6	2	2	6	1	6	
45 Ulcer of stomach and duodenum 531-533	2	1	1						
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	4	2	2					1	
48 Chronic liver disease and cirrhosis 571	9	4	5	1	1	1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	8	3	1		2	1	1	1
51 Infections of kidney 590									
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	5	2	3		1		1		1
55 Certain conditions originating in the perinatal period 760-779	6	1	5				1	1	
56 Symptoms and ill-defined conditions 780-799	10	5	5	1	3	2		1	
57 All other diseases Residual	98	53	45	2	2	5	8	10	3
58 Accidents E800-E949	54	33	21	2	3	4	4	6	2
59 Motor vehicle accidents E810-E825	26	18	8	1	2	1	3	4	
60 Home accidents (Home) E850-E949	10	7	3		1	3		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	18	8	10	1			1	1	2
62 Suicide E950-E959	14	11	3	3		1	1	1	1
63 Homicide and legal intervention E960-E978	9	3	6	1		1			1
64 Other external causes E980-E999	1	1						1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 14 (continued)

Cause of Death	Cumberland		Lunenburg		Nottoway		Prince Edward	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	51	47	97	55	116	73	104	77
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018						1		
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038		1		2		1	2	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139				2	1		2	
13 Malignant neoplasms 140-208	10	12	28	8	24	14	22	18
14 Lip, oral cavity and pharynx 140-149			1			1		
15 Digestive organs and peritoneum 150-159	1	2	4	1	5	3	7	6
16 Respiratory & intrathoracic organs 160-165	6	2	12	3	8	2	5	1
17 Breast 174-175			2		3	1	1	1
18 Genital organs 179-187	2	3	4	1	5	3	2	3
19 Urinary organs 188-189	1		1		1	1	1	1
20 Other & unspecified sites 170-173,190-199		4	2	2	1	1	3	2
21 Leukemia 204-208			2				1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		1		1	1	2	2	3
23 Benign neoplasms and neoplasms of unspecified nature 210-239					1			1
24 Diabetes mellitus 250	2			3	1		2	1
25 Nutritional deficiencies 260-269								
26 Anemias 280-285		1						
27 Meningitis 320-322								1
28 Major cardiovascular diseases 390-448	23	18	42	28	56	34	48	32
29 Diseases of heart 390-398,402,404-429	19	12	33	26	46	25	36	27
30 Rheumatic fever and rheumatic heart disease 390-398				1				
31 Hypertensive heart disease 402		1		1				2
32 Hypertensive heart & renal disease 404								
33 Ischemic heart disease 410-414	8	7	25	15	20	14	24	14
34 Acute myocardial infarction 410	6	5	17	5	12	8	19	10
35 Other ischemic heart disease 411-414	2	2	8	10	8	6	5	4
36 Other diseases of endocardium 424				2	2			
37 All other forms of heart disease 415-423,425-429	11	4	8	7	24	11	12	11
38 Hypertension 401,403								
39 Cerebrovascular diseases. 430-438	4	3	7	2	8	7	11	5
40 Atherosclerosis 440		2	1			1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448		1	1		2	1		
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487		2		1	6	2	7	2
44 Chronic obstructive pulmonary diseases 490-496			4		7	3	5	
45 Ulcer of stomach and duodenum 531-533							1	1
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560			1					2
48 Chronic liver disease and cirrhosis 571	1			2		2	1	
49 Cholelithiasis and other disorders of gall bladder 574-575								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		2	1	1	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1						1	
55 Certain conditions originating in the perinatal period 760-779		1		2				1
56 Symptoms and ill-defined conditions 780-799					1	1		1
57 All other diseases Residual	5	8	13	3	9	8	9	13
58 Accidents E800-E949	7	3	4	2	7	3	3	4
59 Motor vehicle accidents E810-E825	4		3	1	2	1	3	1
60 Home accidents (Home) E850-E949		1		1	3			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	3	2	1		2	2		3
62 Suicide E950-E959	2	1	4					
63 Homicide and legal intervention E960-E978				2	1	3		
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 15

Cause of Death	Planning District 15			Charles City County		Chesterfield		Goochland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	5,991	4,203	1,788	20	36	750	111	59	38
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009	2	2				1			
3 Tuberculosis, all forms 010-018	5	4	1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	92	55	37			11	3	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	3	2	1						
11 Syphilis 090-097	1		1						
12 Other infectious & parasitic diseases Residual of 001-139	47	26	21		1	6	1		1
13 Malignant neoplasms 140-208	1,412	1,008	404	4	7	193	32	12	6
14 Lip, oral cavity and pharynx 140-149	20	11	9			2			
15 Digestive organs and peritoneum 150-159	313	209	104	1	1	33	15	4	1
16 Respiratory & intrathoracic organs 160-165	442	321	121	2	4	55	3	5	2
17 Breast 174-175	123	91	32			13	3	2	
18 Genital organs 179-187	144	91	53		1	22	5		2
19 Urinary organs 188-189	46	36	10	1		7	1		
20 Other & unspecified sites 170-173,190-199	196	145	51		1	37	3		1
21 Leukemia 204-208	45	39	6			12	2		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	83	65	18			12		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	16	12	4	1		3			
24 Diabetes mellitus 250	87	44	43			9	1	1	2
25 Nutritional deficiencies 260-269	9	6	3			2			
26 Anemias 280-285	9	3	6						
27 Meningitis 320-322	4	2	2						
28 Major cardiovascular diseases 390-448	2,523	1,856	667	8	20	314	40	24	20
29 Diseases of heart 390-398,402,404-429	1,942	1,416	526	4	14	254	33	16	15
30 Rheumatic fever and rheumatic heart disease 390-398	8	7	1			3			
31 Hypertensive heart disease 402	37	19	18			2	1	1	1
32 Hypertensive heart & renal disease 404	7	4	3						
33 Ischemic heart disease 410-414	1,145	888	257	2	9	160	20	12	10
34 Acute myocardial infarction 410	545	432	113	1	4	79	6	8	5
35 Other ischemic heart disease 411-414	600	456	144	1	5	81	14	4	5
36 Other diseases of endocardium 424	33	29	4			5			
37 All other forms of heart disease 415-423,425-429	712	469	243	2	5	84	12	3	4
38 Hypertension 401,403	21	15	6			4	1		
39 Cerebrovascular diseases. 430-438	448	334	114	3	6	39	6	7	4
40 Atherosclerosis 440	70	59	11			10		1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	42	32	10	1		7			
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	162	134	28	2		12	1	2	
44 Chronic obstructive pulmonary diseases 490-496	217	170	47		2	26	3	3	1
45 Ulcer of stomach and duodenum 531-533	14	13	1			1			
46 Appendicitis 540-543	2	2							
47 Hernia & intestinal obstruction 550-553,560	23	14	9			2			
48 Chronic liver disease and cirrhosis 571	66	38	28	1		8	2		
49 Cholelithiasis and other disorders of gall bladder 574-575	4	2	2				1	2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	70	46	24			10			
51 Infections of kidney 590	5	5				4			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	28	20	8			8	2		1
55 Certain conditions originating in the perinatal period 760-779	73	29	44		1	11	2	1	
56 Symptoms and ill-defined conditions 780-799	89	63	26			11		2	
57 All other diseases Residual	546	354	192	2	3	56	10	6	3
58 Accidents E800-E949	280	186	94	2	2	42	8	5	2
59 Motor vehicle accidents E810-E825	112	87	25		1	23	4	3	1
60 Home accidents (Home) E850-E949	61	36	25	1		5	2	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	107	63	44	1	1	14	2	1	1
62 Suicide E950-E959	96	81	15			17	2		2
63 Homicide and legal intervention E960-E978	102	25	77			3	3		
64 Other external causes E980-E999	3		3						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 15 (continued)

Cause of Death	Hanover		Henrico		New Kent		Powhatan		Richmond City	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	365	72	1,507	219	50	16	69	15	1,383	1,281
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009									1	
3 Tuberculosis, all forms 010-018	1		2	1					1	
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	4	3	21	2			1	2	17	27
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070		1	2							
11 Syphilis 090-097										1
12 Other infectious & parasitic diseases Residual of 001-139			8						12	18
13 Malignant neoplasms 140-208	110	21	362	48	14	4	15	1	298	285
14 Lip, oral cavity and pharynx 140-149		2	5	1					4	6
15 Digestive organs and peritoneum 150-159	25	8	67	14	5	1	5	1	69	63
16 Respiratory & intrathoracic organs 160-165	40	6	117	12	1	2	5		96	92
17 Breast 174-175	9	1	36	2	2		1		28	26
18 Genital organs 179-187	4	3	34	4	2	1	1		28	37
19 Urinary organs 188-189	6		12	2					10	7
20 Other & unspecified sites 170-173,190-199	15	1	45	9	4		3		41	36
21 Leukemia 204-208	2		15	1					10	3
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9		31	3					12	15
23 Benign neoplasms and neoplasms of unspecified nature 210-239			3						5	4
24 Diabetes mellitus 250		3	12	6					22	31
25 Nutritional deficiencies 260-269		1	2			1			2	1
26 Anemias 280-285			1	2					2	4
27 Meningitis 320-322			2							2
28 Major cardiovascular diseases 390-448	151	27	670	86	27	5	27	5	635	464
29 Diseases of heart 390-398,402,404-429	106	25	513	68	19	5	19	3	485	363
30 Rheumatic fever and rheumatic heart disease 390-398	1						1		2	1
31 Hypertensive heart disease 402	2	2	6						8	14
32 Hypertensive heart & renal disease 404			3	2					1	1
33 Ischemic heart disease 410-414	67	12	321	38	10	1	12	1	304	166
34 Acute myocardial infarction 410	29	3	154	24	7	1	4		150	70
35 Other ischemic heart disease 411-414	38	9	167	14	3		8	1	154	96
36 Other diseases of endocardium 424	2		9	2	1		1		11	2
37 All other forms of heart disease 415-423,425-429	34	11	174	26	8	4	5	2	159	179
38 Hypertension 401,403			5						6	5
39 Cerebrovascular diseases. 430-438	36	2	121	14	8		6	2	114	80
40 Atherosclerosis 440	6		20	2			1		21	8
41 Other diseases of arteries, arterioles, and capillaries 441-448	3		11	2			1		9	8
42 Acute bronchitis and bronchiolitis 466			1							
43 Pneumonia and influenza 480-487	15	2	52	2	1		3		47	23
44 Chronic obstructive pulmonary diseases 490-496	13	1	57	4	1		2		68	36
45 Ulcer of stomach and duodenum 531-533	1		2						9	1
46 Appendicitis 540-543			2							
47 Hernia & intestinal obstruction 550-553,560			6	3				2	6	4
48 Chronic liver disease and cirrhosis 571	5		13			1		1	11	24
49 Cholelithiasis and other disorders of gall bladder 574-575										1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1	1	14		2		2		17	23
51 Infections of kidney 590									1	
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	3		7	1					2	4
55 Certain conditions originating in the perinatal period 760-779	1		7	11					9	30
56 Symptoms and ill-defined conditions 780-799	4	1	27	5	2			1	17	19
57 All other diseases Residual	31	5	133	19		3	11	1	115	148
58 Accidents E800-E949	17	3	64	19	3	2	3	2	50	56
59 Motor vehicle accidents E810-E825	9		34	8	2	1	2	1	14	9
60 Home accidents (Home) E850-E949	2		10	3	1				16	20
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	6	3	20	8		1	1	1	20	27
62 Suicide E950-E959	6		30	1			3		25	10
63 Homicide and legal intervention E960-E978	2	3	7	9			2		11	62
64 Other external causes E980-E999										3

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 16

Cause of Death	Planning District 16			Caroline		King George	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,059	842	217	110	70	77	31
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	16	15	1	2		1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1					
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	12	7	5				
13 Malignant neoplasms 140-208	236	188	48	23	17	18	6
14 Lip, oral cavity and pharynx 140-149	2	2				1	
15 Digestive organs and peritoneum 150-159	44	32	12	3	3	4	3
16 Respiratory & intrathoracic organs 160-165	80	69	11	9	3	5	1
17 Breast 174-175	22	18	4	2	2	1	1
18 Genital organs 179-187	30	17	13	3	4	1	1
19 Urinary organs 188-189	12	11	1	3	1	2	
20 Other & unspecified sites 170-173,190-199	28	22	6	1	3	2	
21 Leukemia 204-208	1	1				1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	17	16	1	2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4					
24 Diabetes mellitus 250	19	14	5	4	2		
25 Nutritional deficiencies 260-269	1		1				
26 Anemias 280-285	2	1	1		1		
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	466	368	98	50	30	34	17
29 Diseases of heart 390-398,402,404-429	348	276	72	36	25	27	12
30 Rheumatic fever and rheumatic heart disease 390-398	1		1				1
31 Hypertensive heart disease 402	2	2		1			
32 Hypertensive heart & renal disease 404	1		1				
33 Ischemic heart disease 410-414	208	173	35	21	16	17	4
34 Acute myocardial infarction 410	106	86	20	11	7	8	3
35 Other ischemic heart disease 411-414	102	87	15	10	9	9	1
36 Other diseases of endocardium 424	6	3	3		1	1	
37 All other forms of heart disease 415-423,425-429	130	98	32	14	8	9	7
38 Hypertension 401,403							
39 Cerebrovascular diseases. 430-438	94	70	24	9	5	6	4
40 Atherosclerosis 440	8	7	1	2			1
41 Other diseases of arteries, arterioles, and capillaries 441-448	16	15	1	3		1	
42 Acute bronchitis and bronchiolitis 466	1		1				
43 Pneumonia and influenza 480-487	30	22	8	6	3	2	1
44 Chronic obstructive pulmonary diseases 490-496	38	36	2	1	1	4	
45 Ulcer of stomach and duodenum 531-533	2	1	1				
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	1	1					
48 Chronic liver disease and cirrhosis 571	6	5	1	1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	9	3	1	1	3	
51 Infections of kidney 590	1		1		1		
52 Hyperplasia of prostate 600	1	1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	15	14	1	2		2	
55 Certain conditions originating in the perinatal period 760-779	14	12	2	4			
56 Symptoms and ill-defined conditions 780-799	7	5	2			1	1
57 All other diseases Residual	72	58	14	6	5	5	4
58 Accidents E800-E949	72	56	16	6	7	5	2
59 Motor vehicle accidents E810-E825	48	41	7	5	3	4	1
60 Home accidents (Home) E850-E949	14	7	7	1	3	1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10	8	2		1		
62 Suicide E950-E959	19	17	2	4		1	
63 Homicide and legal intervention E960-E978	10	6	4		2	1	
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 16 (continued)

Cause of Death	Spotsylvania		Stafford		Fredericksburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	253	42	239	21	163	53
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	3	1	6		3	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070			1			
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	3	1	4			4
13 Malignant neoplasms 140-208	51	11	55	4	41	10
14 Lip, oral cavity and pharynx 140-149	1					
15 Digestive organs and peritoneum 150-159	14	1	7	2	4	3
16 Respiratory & intrathoracic organs 160-165	15	4	24		16	3
17 Breast 174-175	5		4		6	1
18 Genital organs 179-187	2	4	6	1	5	3
19 Urinary organs 188-189	2		1		3	
20 Other & unspecified sites 170-173,190-199	7	2	8	1	4	
21 Leukemia 204-208						
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5		5		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1		3	
24 Diabetes mellitus 250	2	2	4	1	4	
25 Nutritional deficiencies 260-269						1
26 Anemias 280-285					1	
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	117	15	93	10	74	26
29 Diseases of heart 390-398,402,404-429	89	9	69	6	55	20
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402					1	
32 Hypertensive heart & renal disease 404						1
33 Ischemic heart disease 410-414	52	4	52	2	31	9
34 Acute myocardial infarction 410	24	1	30	1	13	8
35 Other ischemic heart disease 411-414	28	3	22	1	18	1
36 Other diseases of endocardium 424		1	2			1
37 All other forms of heart disease 415-423,425-429	37	4	15	4	23	9
38 Hypertension 401,403						
39 Cerebrovascular diseases. 430-438	20	6	19	4	16	5
40 Atherosclerosis 440	2		2		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6		3		2	1
42 Acute bronchitis and bronchiolitis 466				1		
43 Pneumonia and influenza 480-487	4	1	6	2	4	1
44 Chronic obstructive pulmonary diseases 490-496	19		5		7	1
45 Ulcer of stomach and duodenum 531-533		1			1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	1					
48 Chronic liver disease and cirrhosis 571			3		1	1
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	2	1			
51 Infections of kidney 590						
52 Hyperplasia of prostate 600	1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	4	1	5		1	
55 Certain conditions originating in the perinatal period 760-779	4	2	3		1	
56 Symptoms and ill-defined conditions 780-799		1	1		3	
57 All other diseases Residual	19	1	14	2	14	2
58 Accidents E800-E949	16	2	25		4	5
59 Motor vehicle accidents E810-E825	12	2	18		2	1
60 Home accidents (Home) E850-E949	1		2		2	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	3		5			1
62 Suicide E950-E959	5	1	6		1	1
63 Homicide and legal intervention E960-E978			5	1		1
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 17

Cause of Death	Planning District 17			Lancaster		Northumber-land		Richmond		Westmore-land	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	566	396	170	110	40	98	46	58	23	130	61
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	7	4	3	2	1			2	1		1
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1								1	
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	1	1				1					
13 Malignant neoplasms 140-208	131	87	44	23	12	26	10	9	6	29	16
14 Lip, oral cavity and pharynx 140-149	3	3		1		1		1			
15 Digestive organs and peritoneum 150-159	34	20	14	7	3	7	3	1	3	5	5
16 Respiratory & intrathoracic organs 160-165	39	27	12	5	5	8	2	3	1	11	4
17 Breast 174-175	5	3	2	2	1	1					1
18 Genital organs 179-187	22	12	10	7	2	2	3	1		2	5
19 Urinary organs 188-189	8	6	2		1			2	1	4	
20 Other & unspecified sites 170-173,190-199	12	10	2			5	1	1		4	1
21 Leukemia 204-208	2	2				2					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	4	2	1			1		1	3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	1	2			1	1		1		
24 Diabetes mellitus 250	10	5	5	2	1			2		1	4
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	1	1				1					
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	260	189	71	56	19	50	20	26	10	57	22
29 Diseases of heart 390-398,402,404-429	187	130	57	32	15	36	17	20	8	42	17
30 Rheumatic fever and rheumatic heart disease 390-398	1		1				1				
31 Hypertensive heart disease 402	7	4	3		1	2	1	1		1	1
32 Hypertensive heart & renal disease 404	1		1								1
33 Ischemic heart disease 410-414	114	78	36	16	6	21	11	11	7	30	12
34 Acute myocardial infarction 410	80	54	26	12	5	11	10	9	4	22	7
35 Other ischemic heart disease 411-414	34	24	10	4	1	10	1	2	3	8	5
36 Other diseases of endocardium 424	1	1		1							
37 All other forms of heart disease 415-423,425-429	63	47	16	15	8	13	4	8	1	11	3
38 Hypertension 401,403	1	1								1	
39 Cerebrovascular diseases. 430-438	58	45	13	17	4	12	3	5	2	11	4
40 Atherosclerosis 440	6	5	1	2		1		1		1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	8		5		1				2	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	15	12	3	3	1	3		1	1	5	1
44 Chronic obstructive pulmonary diseases 490-496	24	21	3	6		3	1	5	1	7	1
45 Ulcer of stomach and duodenum 531-533	1	1		1							
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	5	4	1	2	1	1				1	
48 Chronic liver disease and cirrhosis 571	5	4	1	1		1		1		1	1
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	5	1	1	1	1		1		2	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	3	3				1		1		1	
55 Certain conditions originating in the perinatal period 760-779	2		2				1		1		
56 Symptoms and ill-defined conditions 780-799	4	2	2	1			1			1	1
57 All other diseases Residual	38	26	12	8	1	3	6	3		12	5
58 Accidents E800-E949	38	20	18	2	3	4	6	6	1	8	8
59 Motor vehicle accidents E810-E825	17	9	8	1	1	2	5	3		3	2
60 Home accidents (Home) E850-E949	9	5	4			1	1	2		2	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	12	6	6	1	2	1		1	1	3	3
62 Suicide E950-E959	6	6		1		1		1		3	
63 Homicide and legal intervention E960-E978	5	3	2	1		1			1	1	1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 18

Cause of Death	Planning District 18			Essex		Gloucester		King and Queen	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	768	532	236	75	46	181	50	40	38
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	1		1				1		
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1				1			
7 Septicemia 038	7	6	1	4		1			
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	2	1	1			1			1
13 Malignant neoplasms 140-208	192	134	58	17	12	39	12	11	8
14 Lip, oral cavity and pharynx 140-149	3	3							
15 Digestive organs and peritoneum 150-159	61	46	15	4	3	12	1	5	2
16 Respiratory & intrathoracic organs 160-165	47	31	16	5	2	13	2	1	3
17 Breast 174-175	12	9	3	3	1	1	1		
18 Genital organs 179-187	26	14	12	3	2	5	3		3
19 Urinary organs 188-189	7	5	2		1	2	1	1	
20 Other & unspecified sites 170-173,190-199	25	20	5	2	2	5	1	3	
21 Leukemia 204-208	5	3	2			1	2		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	3	3		1		1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239									
24 Diabetes mellitus 250	9	3	6		4	2			
25 Nutritional deficiencies 260-269	3	1	2		1				1
26 Anemias 280-285									
27 Meningitis 320-322	2	1	1				1		
28 Major cardiovascular diseases 390-448	347	245	102	35	14	80	25	19	17
29 Diseases of heart 390-398,402,404-429	273	194	79	32	12	68	17	12	13
30 Rheumatic fever and rheumatic heart disease 390-398									
31 Hypertensive heart disease 402	10	5	5	3	1	1	1	1	
32 Hypertensive heart & renal disease 404									
33 Ischemic heart disease 410-414	173	131	42	22	5	50	11	8	7
34 Acute myocardial infarction 410	100	78	22	12	2	25	4	6	5
35 Other ischemic heart disease 411-414	73	53	20	10	3	25	7	2	2
36 Other diseases of endocardium 424	1	1							
37 All other forms of heart disease 415-423,425-429	89	57	32	7	6	17	5	3	6
38 Hypertension 401,403	5	5							
39 Cerebrovascular diseases. 430-438	54	33	21	2	2	8	7	5	4
40 Atherosclerosis 440	1		1						
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	13	1	1		4	1	2	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	25	19	6	1		6	2	2	1
44 Chronic obstructive pulmonary diseases 490-496	18	12	6	1	2	6		1	1
45 Ulcer of stomach and duodenum 531-533	1	1							
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	2	1	1	1	1				
48 Chronic liver disease and cirrhosis 571	7	7		2		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	6	3	1	2	1	1	1	
51 Infections of kidney 590									
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1							
54 Congenital anomalies 740-759	4	3	1			2			
55 Certain conditions originating in the perinatal period 760-779	4	1	3				3		
56 Symptoms and ill-defined conditions 780-799	4	3	1				1	1	
57 All other diseases Residual	63	48	15	10	3	23	3	2	4
58 Accidents E800-E949	47	26	21	3	3	11	1	3	5
59 Motor vehicle accidents E810-E825	20	11	9	2	2	4		1	3
60 Home accidents (Home) E850-E949	8	7	1	1		4		1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	19	8	11		1	3	1	1	1
62 Suicide E950-E959	8	7	1		1	3			
63 Homicide and legal intervention E960-E978	9	3	6		3	2			
64 Other external causes E980-E999	1	1				1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 18 (continued)

Cause of Death	King William		Mathews		Middlesex	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	57	40	93	13	86	49
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038		1			1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139						
13 Malignant neoplasms 140-208	18	10	24	5	25	11
14 Lip, oral cavity and pharynx 140-149			2		1	
15 Digestive organs and peritoneum 150-159	9	4	9	2	7	3
16 Respiratory & intrathoracic organs 160-165	2	3	2	3	8	3
17 Breast 174-175	1		2		2	1
18 Genital organs 179-187	2	2	2		2	2
19 Urinary organs 188-189	1		1			
20 Other & unspecified sites 170-173,190-199	3		4		3	2
21 Leukemia 204-208			1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		1	1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	1	2				
25 Nutritional deficiencies 260-269	1					
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	29	15	1 49	5	33	26
29 Diseases of heart 390-398,402,404-429	20	11	36	4	26	22
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402				2		1
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	10	5	23		18	14
34 Acute myocardial infarction 410	8	4	13		14	7
35 Other ischemic heart disease 411-414	2	1	10		4	7
36 Other diseases of endocardium 424					1	
37 All other forms of heart disease 415-423,425-429	10	6	13	2	7	7
38 Hypertension 401,403			4		1	
39 Cerebrovascular diseases. 430-438	8	4	4	1	6	3
40 Atherosclerosis 440						1
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		5			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487		1	5	1	5	1
44 Chronic obstructive pulmonary diseases 490-496	1	1		1	3	1
45 Ulcer of stomach and duodenum 531-533			1			
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560						
48 Chronic liver disease and cirrhosis 571			2		2	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589					3	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1					
54 Congenital anomalies 740-759	1					1
55 Certain conditions originating in the perinatal period 760-779					1	
56 Symptoms and ill-defined conditions 780-799			1		1	
57 All other diseases Residual	3	5	6		4	
58 Accidents E800-E949	2	5	2	1	5	6
59 Motor vehicle accidents E810-E825	1	1	1		2	3
60 Home accidents (Home) E850-E949					1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	4	1	1	2	3
62 Suicide E950-E959			2		2	
63 Homicide and legal intervention E960-E978					1	3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 19

Cause of Death	Planning District 19			Dinwiddie		Greensville		Prince George		Surry	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,579	946	633	104	71	48	50	81	36	34	38
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	2		2								
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	20	10	10	2			2		1		
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	12	6	6					1			
13 Malignant neoplasms 140-208	380	240	140	36	13	11	6	22	11	8	11
14 Lip, oral cavity and pharynx 140-149	5	3	2								
15 Digestive organs and peritoneum 150-159	107	60	47	11	8	1	1	5	3	2	2
16 Respiratory & intrathoracic organs 160-165	113	70	43	8	1	5	2	8	5	2	6
17 Breast 174-175	27	16	11	2	1	1	1	3	2	1	
18 Genital organs 179-187	41	25	16	1	2		1	1			2
19 Urinary organs 188-189	13	10	3	2						1	
20 Other & unspecified sites 170-173,190-199	39	29	10	6	1	2	1	4	1	1	1
21 Leukemia 204-208	16	13	3	3		1					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	19	14	5	3		1		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	4		1							
24 Diabetes mellitus 250	27	10	17	1	2		1	1	2		
25 Nutritional deficiencies 260-269	1	1									
26 Anemias 280-285	2		2		1		1				
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	671	405	266	39	38	18	25	31	13	17	13
29 Diseases of heart 390-398,402,404-429	530	333	197	32	33	13	14	28	8	16	10
30 Rheumatic fever and rheumatic heart disease 390-398	1	1		1							
31 Hypertensive heart disease 402	11	5	6		2	1					1
32 Hypertensive heart & renal disease 404	3		3								
33 Ischemic heart disease 410-414	356	233	123	24	19	8	9	22	4	14	6
34 Acute myocardial infarction 410	165	121	44	12	5	4	9	13	1	9	2
35 Other ischemic heart disease 411-414	191	112	79	12	14	4		9	3	5	4
36 Other diseases of endocardium 424	6	2	4	2	1						
37 All other forms of heart disease 415-423,425-429	153	92	61	5	11	4	5	6	4	2	3
38 Hypertension 401,403	6	2	4			1	1		1		
39 Cerebrovascular diseases. 430-438	104	55	49	7	3	1	6	2	4	1	3
40 Atherosclerosis 440	17	9	8		2	2	2	1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	6	8			1	2				
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	53	38	15	3	1	2	3	1		1	
44 Chronic obstructive pulmonary diseases 490-496	52	39	13	3	1	2	1	5	1	2	2
45 Ulcer of stomach and duodenum 531-533	4	3	1		1						
46 Appendicitis 540-543	1	1						1			
47 Hernia & intestinal obstruction 550-553,560	4	1	3								
48 Chronic liver disease and cirrhosis 571	20	15	5	1		1		1			
49 Cholelithiasis and other disorders of gall bladder 574-575	2	1	1								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	26	12	14	1		2	1			1	1
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	14	6	8	1	2		1	1			
55 Certain conditions originating in the perinatal period 760-779	13	3	10		1				1		1
56 Symptoms and ill-defined conditions 780-799	12	3	9			1	1				
57 All other diseases Residual	156	89	67	8	8	6	6	8	3	4	4
58 Accidents E800-E949	66	36	30	3	3	5	2	3	2	1	4
59 Motor vehicle accidents E810-E825	35	18	17	1	3	3	1	1	2	1	2
60 Home accidents (Home) E850-E949	14	9	5	1		2		1			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	9	8	1			1	1			2
62 Suicide E950-E959	22	17	5	3				4	1		1
63 Homicide and legal intervention E960-E978	13	5	8	1				1	1		1
64 Other external causes E980-E989	2	1	1					1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 19 (continued)

Cause of Death	Sussex		Colonial Heights		Emporia		Hopewell		Petersburg	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	57	69	158	3	50	45	189	53	225	268
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009										
3 Tuberculosis, all forms 010-018		1								1
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	2	2	1		1		1	1	2	4
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	3					1	1	1	1	4
13 Malignant neoplasms 140-208	10	18	39	1	11	8	50	7	53	65
14 Lip, oral cavity and pharynx 140-149			2				1			2
15 Digestive organs and peritoneum 150-159	2	4	10		2	1	15	3	12	25
16 Respiratory & intrathoracic organs 160-165	3	7	7	1	4	4	15	2	18	15
17 Breast 174-175	1		1		2		2		3	7
18 Genital organs 179-187	2	3	7		1	2	6	1	7	5
19 Urinary organs 188-189	1	1	4		1		1			2
20 Other & unspecified sites 170-173,190-199		1	4			1	5	1	7	3
21 Leukemia 204-208		2	3				3		3	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1		1		1		2		3	5
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1						2	
24 Diabetes mellitus 250			2		1	2	1	3	4	7
25 Nutritional deficiencies 260-269									1	
26 Anemias 280-285										
27 Meningitis 320-322										
28 Major cardiovascular diseases 390-448	26	23	73	2	24	23	81	22	96	107
29 Diseases of heart 390-398,402,404-429	19	16	65	2	18	17	64	17	78	80
30 Rheumatic fever and rheumatic heart disease 390-398										
31 Hypertensive heart disease 402					1	1	2		1	2
32 Hypertensive heart & renal disease 404								2		1
33 Ischemic heart disease 410-414	15	8	41	2	11	10	46	9	52	56
34 Acute myocardial infarction 410	10	5	21		5	7	26	5	21	10
35 Other ischemic heart disease 411-414	5	3	20	2	6	3	20	4	31	46
36 Other diseases of endocardium 424		1				1				1
37 All other forms of heart disease 415-423,425-429	4	7	24		6	5	16	6	25	20
38 Hypertension 401,403		1				1	1			
39 Cerebrovascular diseases. 430-438	6	3	7		3	2	14	5	14	23
40 Atherosclerosis 440	1	2			3	2	1		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448		1	1			1	1		3	4
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	2	2	7		5	1	10	3	7	5
44 Chronic obstructive pulmonary diseases 490-496	1	2	9		1		2		14	6
45 Ulcer of stomach and duodenum 531-533			1				1		1	
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction 550-553,560						1	1	1		1
48 Chronic liver disease and cirrhosis 571		1	4		2		3	4	3	
49 Cholelithiasis and other disorders of gall bladder 574-575			1							1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1	2	1		1		4	2	1	8
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	1	1					1	2	2	2
55 Certain conditions originating in the perinatal period 760-779		1	1				1	1	1	5
56 Symptoms and ill-defined conditions 780-799		1					1		1	7
57 All other diseases Residual	5	9	11		4	6	18	4	25	27
58 Accidents E800-E949	3	5	4			3	9	2	8	9
59 Motor vehicle accidents E810-E825	1	3	3			2	5	1	3	3
60 Home accidents (Home) E850-E949	1	1					3	1	1	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	1	1			1	1		4	3
62 Suicide E950-E959	3	1	3				2		2	2
63 Homicide and legal intervention E960-E978							2		1	6
64 Other external causes E980-E999										1

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 20

Cause of Death	Planning District 20			Isle of Wight		Southampton		Chesapeake	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	6,999	4,448	2,551	108	72	89	95	678	327
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009	4	4							
3 Tuberculosis, all forms 010-018	3		3						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1						
7 Septicemia 038	114	62	52	1	1	1		9	10
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	3		3						1
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	70	44	26				1	7	2
13 Malignant neoplasms 140-208	1,655	1,070	585	30	16	21	27	170	80
14 Lip, oral cavity and pharynx 140-149	35	26	9				1	4	
15 Digestive organs and peritoneum 150-159	394	243	151	2	4	9	10	48	17
16 Respiratory & intrathoracic organs 160-165	495	345	150	16	6	7	4	47	25
17 Breast 174-175	136	85	51	2	1	1	1	10	10
18 Genital organs 179-187	176	90	86	2	3		6	18	12
19 Urinary organs 188-189	57	38	19			1	1	4	3
20 Other & unspecified sites 170-173,190-199	231	158	73	4	1	1	4	26	3
21 Leukemia 204-208	47	27	20					2	4
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	84	58	26	4	1	2		11	6
23 Benign neoplasms and neoplasms of unspecified nature 210-239	22	13	9				2	3	1
24 Diabetes mellitus 250	130	67	63	2	5	1	1	11	10
25 Nutritional deficiencies 260-269	9	5	4						1
26 Anemias 280-285	10	5	5		1				
27 Meningitis 320-322	7	2	5						1
28 Major cardiovascular diseases 390-448	2,938	1,866	1,072	48	29	46	40	278	135
29 Diseases of heart 390-398,402,404-429	2,352	1,506	846	36	21	37	27	229	111
30 Rheumatic fever and rheumatic heart disease 390-398	10	4	6					1	3
31 Hypertensive heart disease 402	79	34	45	1		3	3	4	5
32 Hypertensive heart & renal disease 404	9	1	8					1	1
33 Ischemic heart disease 410-414	1,433	995	438	22	10	25	13	168	66
34 Acute myocardial infarction 410	675	454	221	8	6	18	9	71	26
35 Other ischemic heart disease 411-414	758	541	217	14	4	7	4	97	40
36 Other diseases of endocardium 424	20	13	7					3	1
37 All other forms of heart disease 415-423,425-429	801	459	342	13	11	9	11	52	35
38 Hypertension 401,403	35	14	21	1	1			1	1
39 Cerebrovascular diseases. 430-438	441	259	182	7	7	7	12	37	21
40 Atherosclerosis 440	42	33	9	2		2	1	1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	68	54	14	2				10	1
42 Acute bronchitis and bronchiolitis 466	2	2							
43 Pneumonia and influenza 480-487	200	141	59	6	1			19	7
44 Chronic obstructive pulmonary diseases 490-496	253	209	44	2	2	3	2	35	3
45 Ulcer of stomach and duodenum 531-533	20	16	4				1	2	
46 Appendicitis 540-543	1		1						
47 Hernia & intestinal obstruction 550-553,560	22	15	7					2	
48 Chronic liver disease and cirrhosis 571	68	47	21	1				7	3
49 Cholelithiasis and other disorders of gall bladder 574-575	9	4	5					1	3
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	86	49	37		2	2	1	7	6
51 Infections of kidney 590	4	2	2						1
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	2		2						
54 Congenital anomalies 740-759	52	35	17	1	1	1		5	2
55 Certain conditions originating in the perinatal period 760-779	109	49	60		1			5	6
56 Symptoms and ill-defined conditions 780-799	94	55	39	2	1		1	4	4
57 All other diseases Residual	535	319	216	6	6	3	15	55	23
58 Accidents E800-E949	343	223	120	7	4	9	4	32	19
59 Motor vehicle accidents E810-E825	143	111	32	3		7	1	21	6
60 Home accidents (Home) E850-E949	70	42	28			1		5	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	130	70	60	4	4	1	3	6	11
62 Suicide E950-E959	120	104	16	2	2	2		19	2
63 Homicide and legal intervention E960-E978	112	40	72					7	7
64 Other external causes E980-E999	1		1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 20 (continued)

Cause of Death	Franklin City		Norfolk		Portsmouth		Suffolk		Virginia Beach	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	60	54	1,316	963	565	509	231	283	1,401	248
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009			2						2	
3 Tuberculosis, all forms 010-018		1				1		1		
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036				1						
7 Septicemia 038		3	19	22	10	9	4	3	18	4
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070				1						1
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	2		14	14		2	2	3	19	4
13 Malignant neoplasms 140-208	9	12	302	227	135	107	51	61	352	55
14 Lip, oral cavity and pharynx 140-149	1		5	3	1	2	1	1	14	2
15 Digestive organs and peritoneum 150-159	1	2	71	62	24	33	13	14	75	9
16 Respiratory & intrathoracic organs 160-165	5	4	100	63	46	17	17	17	107	14
17 Breast 174-175		1	23	16	13	12	3	5	33	5
18 Genital organs 179-187	1	3	25	33	10	16	4	8	30	5
19 Urinary organs 188-189		1	6	7	6	2	3	1	18	4
20 Other & unspecified sites 170-173,190-199	1		48	33	23	18	6	7	49	7
21 Leukemia 204-208			10	3	5	4	4	3	6	6
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		1	14	7	7	3		5	20	3
23 Benign neoplasms and neoplasms of unspecified nature 210-239			2	4	3	1			5	1
24 Diabetes mellitus 250		2	20	19	11	11	3	9	19	6
25 Nutritional deficiencies 260-269			1		2	1	1	2	1	
26 Anemias 280-285	1		1	2	2	1		1	1	
27 Meningitis 320-322				1		1			2	2
28 Major cardiovascular diseases 390-448	33	22	581	403	241	224	113	122	526	97
29 Diseases of heart 390-398,402,404-429	24	19	481	318	190	178	101	95	408	77
30 Rheumatic fever and rheumatic heart disease 390-398			1	3					2	
31 Hypertensive heart disease 402	3		12	16	3	7	3	13	5	1
32 Hypertensive heart & renal disease 404				4		2				1
33 Ischemic heart disease 410-414	14	10	306	147	127	104	57	40	276	48
34 Acute myocardial infarction 410	6	5	142	80	65	58	31	20	113	17
35 Other ischemic heart disease 411-414	8	5	164	67	62	46	26	20	163	31
36 Other diseases of endocardium 424			3	1	3	4		1	4	
37 All other forms of heart disease 415-423,425-429	7	9	159	147	57	61	41	41	121	27
38 Hypertension 401,403			3	12	2	3	1	1	6	3
39 Cerebrovascular diseases. 430-438	6	3	75	63	44	39	6	21	77	16
40 Atherosclerosis 440	1		7	4		1	3	2	17	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		15	6	5	3	2	3	18	1
42 Acute bronchitis and bronchiolitis 466					1				1	
43 Pneumonia and influenza 480-487	2	1	43	21	22	18	4	5	45	6
44 Chronic obstructive pulmonary diseases 490-496	2	1	64	20	28	5	8	7	67	4
45 Ulcer of stomach and duodenum 531-533			4	1	1	1	2		7	1
46 Appendicitis 540-543								1		
47 Hernia & intestinal obstruction 550-553,560			1	4	5	2	1	1	6	
48 Chronic liver disease and cirrhosis 571		2	14	4	5	4	2	6	18	2
49 Cholelithiasis and other disorders of gall bladder 574-575			1					1	2	1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		15	10	8	6	3	5	13	7
51 Infections of kidney 590			1		1	1				
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676						1				1
54 Congenital anomalies 740-759			8	6	3	3	1	1	16	4
55 Certain conditions originating in the perinatal period 760-779		3	10	25	3	13	2	2	29	10
56 Symptoms and ill-defined conditions 780-799		1	18	20	10	8	1	1	20	3
57 All other diseases Residual	5	2	105	83	35	39	13	31	97	17
58 Accidents E800-E949	5	4	52	36	23	28	9	12	86	13
59 Motor vehicle accidents E810-E825	4		21	10	7	7	1	3	47	5
60 Home accidents (Home) E850-E949	1	2	17	10	5	9	2	4	11	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949		2	14	16	11	12	6	5	28	7
62 Suicide E950-E959			23	6	12	2	7		39	4
63 Homicide and legal intervention E960-E978			15	32	4	20	4	8	10	5
64 Other external causes E980-E999				1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 21

Cause of Death	Planning District 21			James City County		York		Hampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,709	1,784	925	122	51	147	47	589	340
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	3		3						2
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	34	19	15	3	2	3	1	4	6
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1						1	
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	18	5	13	1				2	7
13 Malignant neoplasms 140-208	642	445	197	25	13	47	13	161	75
14 Lip, oral cavity and pharynx 140-149	13	8	5			1		4	
15 Digestive organs and peritoneum 150-159	124	80	44	3	6	6	3	31	14
16 Respiratory & intrathoracic organs 160-165	224	152	72	7	3	16	6	52	23
17 Breast 174-175	60	51	9	2	1	6		22	3
18 Genital organs 179-187	66	37	29	4	2	5		9	17
19 Urinary organs 188-189	27	22	5	2		2	1	11	2
20 Other & unspecified sites 170-173,190-199	82	61	21	5	1	7		22	11
21 Leukemia 204-208	22	16	6	2		2	1	3	3
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	24	18	6			2	2	7	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	3	2			1			1
24 Diabetes mellitus 250	58	25	33	1	1		2	7	16
25 Nutritional deficiencies 260-269	2	1	1					1	
26 Anemias 280-285	4	2	2					1	2
27 Meningitis 320-322	1		1						1
28 Major cardiovascular diseases 390-448	1,135	767	368	50	21	57	20	246	133
29 Diseases of heart 390-398,402,404-429	880	603	277	43	13	41	14	189	105
30 Rheumatic fever and rheumatic heart disease 390-398	5	4	1					1	1
31 Hypertensive heart disease 402	23	12	11	1			2	4	3
32 Hypertensive heart & renal disease 404	2	1	1						
33 Ischemic heart disease 410-414	541	388	153	23	9	26	8	123	53
34 Acute myocardial infarction 410	235	171	64	12	4	8	2	61	20
35 Other ischemic heart disease 411-414	306	217	89	11	5	18	6	62	33
36 Other diseases of endocardium 424	11	9	2	1		2		2	1
37 All other forms of heart disease 415-423,425-429	298	189	109	18	4	13	4	59	47
38 Hypertension 401,403	14	8	6		1	1		2	2
39 Cerebrovascular diseases. 430-438	181	112	69	5	6	9	5	37	18
40 Atherosclerosis 440	19	13	6			1	1	6	3
41 Other diseases of arteries, arterioles, and capillaries 441-448	41	31	10	2	1	5		12	5
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	91	61	30	3	1	6	2	18	10
44 Chronic obstructive pulmonary diseases 490-496	81	62	19	4	1	6	2	26	8
45 Ulcer of stomach and duodenum 531-533	14	9	5	2		1		4	3
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	10	7	3	1				2	
48 Chronic liver disease and cirrhosis 571	34	26	8	1		2	1	11	3
49 Cholelithiasis and other disorders of gall bladder 574-575	6	4	2					3	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	30	14	16	2	1	1	1	3	3
51 Infections of kidney 590	6	5	1			1		2	
52 Hyperplasia of prostate 600	1		1						
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	21	16	5	1	1	2		4	2
55 Certain conditions originating in the perinatal period 760-779	37	16	21	3				3	8
56 Symptoms and ill-defined conditions 780-799	33	14	19	1				3	2
57 All other diseases Residual	237	148	89	11	7	13	3	54	34
58 Accidents E800-E949	115	67	48	10	2	5	2	17	13
59 Motor vehicle accidents E810-E825	31	18	13	5	2	1		5	2
60 Home accidents (Home) E850-E949	34	18	16	2		1		5	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	50	31	19	3		3	2	7	10
62 Suicide E950-E959	53	45	8	3	1	1		11	5
63 Homicide and legal intervention E960-E978	35	21	14			1		5	6
64 Other external causes E980-E999	2	1	1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 21 (continued)

Cause of Death	Newport News		Poquoson		Williamsburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	795	467	58		73	20
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018		1				
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	8	6			1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	2	6				
13 Malignant neoplasms 140-208	183	93	14		15	3
14 Lip, oral cavity and pharynx 140-149	3	5				
15 Digestive organs and peritoneum 150-159	32	21	4		4	
16 Respiratory & intrathoracic organs 160-165	70	40	3		4	
17 Breast 174-175	20	4			1	1
18 Genital organs 179-187	16	9	2		1	1
19 Urinary organs 188-189	4	2	2		1	
20 Other & unspecified sites 170-173,190-199	22	9	2		3	
21 Leukemia 204-208	8	2	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	1			1	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1				
24 Diabetes mellitus 250	16	14	1			
25 Nutritional deficiencies 260-269		1				
26 Anemias 280-285	1					
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	356	185	24		34	9
29 Diseases of heart 390-398,402,404-429	289	139	19		22	6
30 Rheumatic fever and rheumatic heart disease 390-398	3					
31 Hypertensive heart disease 402	7	6				
32 Hypertensive heart & renal disease 404	1	1				
33 Ischemic heart disease 410-414	189	79	14		13	4
34 Acute myocardial infarction 410	73	35	9		8	3
35 Other ischemic heart disease 411-414	116	44	5		5	1
36 Other diseases of endocardium 424	3	1			1	
37 All other forms of heart disease 415-423,425-429	86	52	5		8	2
38 Hypertension 401,403	3	3	2			
39 Cerebrovascular diseases 430-438	47	38	3		11	2
40 Atherosclerosis 440	6	2				
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	3			1	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	31	17	1		2	
44 Chronic obstructive pulmonary diseases 490-496	21	8	5			
45 Ulcer of stomach and duodenum 531-533	1	2			1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	4	2				1
48 Chronic liver disease and cirrhosis 571	12	4				
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	8	10				1
51 Infections of kidney 590	2	1				
52 Hyperplasia of prostate 600		1				
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	7	2	2			
55 Certain conditions originating in the perinatal period 760-779	7	13	1		2	
56 Symptoms and ill-defined conditions 780-799	8	16			2	1
57 All other diseases Residual	56	42	4		10	3
58 Accidents E800-E949	27	30	3		5	1
59 Motor vehicle accidents E810-E825	6	8			1	1
60 Home accidents (Home) E850-E949	7	15	2		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	14	7	1		3	
62 Suicide E950-E959	27	2	3			
63 Homicide and legal intervention E960-E978	14	8			1	
64 Other external causes E980-E999	1	1				

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1987
PLANNING DISTRICT 22

Cause of Death	Planning District 22			Accomack		Northampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	692	457	235	329	145	128	90
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	5	3	2	3	2		
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139							
13 Malignant neoplasms 140-208	155	99	56	69	37	30	19
14 Lip, oral cavity and pharynx 140-149	4	1	3	1	3		
15 Digestive organs and peritoneum 150-159	40	26	14	19	10	7	4
16 Respiratory & intrathoracic organs 160-165	45	28	17	19	12	9	5
17 Breast 174-175	11	9	2	2	1	7	1
18 Genital organs 179-187	20	10	10	6	6	4	4
19 Urinary organs 188-189	8	6	2	4	4	2	1
20 Other & unspecified sites 170-173,190-199	14	9	5	8	3	1	2
21 Leukemia 204-208	5	4	1	4			1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	6	2	6	1		1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1	1		1	1
24 Diabetes mellitus 250	14	8	6	8	4		2
25 Nutritional deficiencies 260-269	2	2		2			
26 Anemias 280-285							
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	319	215	104	166	63	49	41
29 Diseases of heart 390-398,402,404-429	257	180	77	143	48	37	29
30 Rheumatic fever and rheumatic heart disease 390-398	1		1		1		
31 Hypertensive heart disease 402	44	31	13	27	11	4	2
32 Hypertensive heart & renal disease 404	1		1		1		
33 Ischemic heart disease 410-414	121	90	31	68	17	22	14
34 Acute myocardial infarction 410	81	60	21	45	12	15	9
35 Other ischemic heart disease 411-414	40	30	10	23	5	7	5
36 Other diseases of endocardium 424	6	4	2	3	2	1	
37 All other forms of heart disease 415-423,425-429	84	55	29	45	16	10	13
38 Hypertension 401,403	1		1		1		
39 Cerebrovascular diseases. 430-438	51	28	23	18	11	10	12
40 Atherosclerosis 440	3	2	1	2	1		
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	5	2	3	2	2	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	14	9	5	6	3	3	2
44 Chronic obstructive pulmonary diseases 490-496	23	18	5	13	3	5	2
45 Ulcer of stomach and duodenum 531-533	1	1		1			
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	1	1		1			
48 Chronic liver disease and cirrhosis 571	8	7	1	5		2	1
49 Cholelithiasis and other disorders of gall bladder 574-575							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	8	4	4	4	4		
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	3		3		1		2
55 Certain conditions originating in the perinatal period 760-779	2	1	1		1	1	
56 Symptoms and ill-defined conditions 780-799	5	4	1	2	1	2	
57 All other diseases Residual	80	57	23	33	11	24	12
58 Accidents E800-E949	36	18	18	11	12	7	6
59 Motor vehicle accidents E810-E825	17	7	10	5	7	2	3
60 Home accidents (Home) E850-E949	4	2	2	1	1	1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	15	9	6	5	4	4	2
62 Suicide E950-E959	7	7		4		3	
63 Homicide and legal intervention E960-E978	6	1	5		3	1	2
64 Other external causes E980-E999							

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	67,004	54,058	12,946	67,004	54,255	12,749	67,004	54,058	12,946
District 1	1,293	1,275	18	819	813	6	768	762	6
Lee	261	259	2	191	190	1	179	179	
Scott	398	393	5	197	196	1	195	194	1
Wise	568	557	11	389	385	4	358	353	5
Norton	66	66		42	42		36	36	
District 2	2,089	2,038	51	1,182	1,172	10	1,128	1,119	9
Buchanan	583	580	3	279	277	2	274	274	
Dickenson	434	432	2	186	186		173	173	
Russell	360	356	4	294	290	4	275	273	2
Tazewell	712	670	42	423	419	4	406	399	7
District 3	2,067	2,025	42	1,518	1,495	23	1,428	1,406	22
Bland	87	84	3	47	46	1	56	56	
Carroll	293	292	1	235	234	1	214	214	
Grayson	152	149	3	138	137	1	138	137	1
Smyth	349	343	6	326	322	4	308	303	5
Washington	488	479	9	378	372	6	350	344	6
Wythe	352	342	10	214	208	6	210	205	5
Bristol	274	267	7	150	146	4	128	124	4
Galax	72	69	3	30	30		24	23	1
District 4	2,723	2,612	111	1,256	1,197	59	1,213	1,138	75
Floyd	98	96	2	98	95	3	90	85	5
Giles	1,592	1,548	44	154	150	4	156	151	5
Montgomery	596	558	38	615	584	31	594	554	40
Pulaski	329	316	13	308	299	9	290	277	13
Radford	108	94	14	81	69	12	83	71	12
District 5	2,889	2,615	274	2,384	2,138	246	2,291	2,039	252
Alleghany	100	99	1	117	116	1	109	108	1
Botetourt	221	216	5	186	184	2	182	175	7
Craig	38	37	1	33	33		39	39	
Roanoke	654	633	21	616	596	20	561	546	15
Clifton Forge	174	169	5	39	35	4	41	38	3
Covington	267	248	19	63	56	7	66	61	5
Roanoke City	1,111	905	206	1,098	896	202	1,075	861	214
Salem	324	308	16	232	222	10	218	211	7
District 6	2,223	2,102	121	1,840	1,770	70	1,790	1,686	104
Augusta	381	360	21	410	396	14	425	410	15
Bath	137	134	3	37	36	1	42	39	3
Highland	74	74		20	19	1	16	16	
Rockbridge	109	107	2	117	115	2	121	117	4
Rockingham	571	552	19	648	634	14	624	600	24
Buena Vista	92	88	4	58	56	2	45	42	3
Harrisonburg	203	188	15	79	78	1	77	71	6
Lexington	85	79	6	28	28		33	29	4
Staunton	345	307	38	235	213	22	210	178	32
Waynesboro	226	213	13	208	195	13	197	184	13
District 7	3,202	3,094	108	1,392	1,343	49	1,348	1,297	51
Clarke	109	103	6	92	91	1	91	89	2
Frederick	229	226	3	359	352	7	329	321	8
Page	194	191	3	184	182	2	174	172	2
Shenandoah	326	322	4	266	263	3	252	250	2
Warren	297	284	13	240	229	11	245	238	7
Winchester	2,047	1,968	79	251	226	25	257	227	30
District 8	15,601	12,236	3,365	12,309	10,417	1,892	11,830	9,945	1,885
Arlington	3,430	2,297	1,133	1,972	1,528	444	1,999	1,553	446
Fairfax	6,178	5,351	827	6,432	5,581	851	5,920	5,128	792
Loudoun	811	740	71	688	640	48	692	628	64
Prince William	1,424	1,204	220	1,925	1,697	228	1,935	1,686	249
Alexandria	2,874	1,823	1,051	1,222	913	309	1,193	873	320
Fairfax City	57	55	2	39	31	8	41	36	5
Falls Church	359	333	26	17	14	3	23	18	5
Manassas	461	426	35	11	10	1	23	19	4
Manassas Park	7	7		3	3		4	4	
District 9	1,076	938	138	892	779	113	886	772	114
Culpeper	250	209	41	242	204	38	224	187	37
Fauquier	476	426	50	348	313	35	338	301	37
Madison	98	83	15	74	64	10	84	76	8
Orange	177	151	26	170	148	22	178	153	25
Rappahannock	75	69	6	58	50	8	62	55	7
District 10	1,360	1,155	205	1,206	1,037	169	1,179	1,000	179
Albemarle	442	382	60	502	457	45	492	442	50
Fluvanna	74	60	14	73	62	11	79	67	12
Greene	60	58	2	73	72	1	69	67	2
Louisa	163	128	35	140	111	29	134	110	24
Nelson	123	107	16	99	88	11	93	78	15
Charlottesville	498	420	78	319	247	72	312	236	76
District 11	1,767	1,476	291	1,698	1,421	277	1,619	1,350	269
Amherst	253	213	40	229	190	39	235	193	42
Appomattox	115	95	20	109	85	24	96	75	21
Bedford	335	299	36	347	312	35	331	303	28
Campbell	328	286	42	431	391	40	417	371	46
Bedford City	26	19	7	35	29	6	34	29	5
Lynchburg	710	564	146	547	414	133	506	379	127

*Refers to the race of the groom.

(continued)

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1987 (continued)

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	67,004	54,058	12,946	67,004	54,255	12,749	67,004	54,058	12,946
District 12	2,368	1,860	508	2,091	1,656	435	2,015	1,600	415
Franklin	274	239	35	280	250	30	269	240	29
Henry	453	399	54	585	486	99	579	476	103
Patrick	173	164	9	128	119	9	138	131	7
Pittsylvania	492	369	123	534	412	122	525	401	124
Danville	587	415	172	396	269	127	349	245	104
Martinsville	389	274	115	168	120	48	155	107	48
District 13	679	433	246	594	374	220	574	359	215
Brunswick	120	68	52	107	54	53	104	54	50
Halifax	275	183	92	278	184	94	252	165	87
Mecklenburg	258	169	89	206	134	72	216	139	77
South Boston	26	13	13	3	2	1	2	1	1
District 14	730	457	273	655	418	237	665	421	244
Amelia	72	48	24	67	45	22	72	46	26
Buckingham	131	77	54	116	69	47	125	74	51
Charlotte	123	80	43	110	70	40	119	80	39
Cumberland	58	34	24	64	49	15	66	48	18
Lunenburg	83	57	26	89	61	28	79	53	26
Nottoway	125	78	47	94	60	34	96	62	34
Prince Edward	138	83	55	115	64	51	108	58	50
District 15	6,577	4,835	1,742	6,758	5,046	1,712	6,522	4,803	1,719
Charles City Co.	64	30	34	55	23	32	58	21	37
Chesterfield	1,324	1,201	123	1,674	1,519	155	1,604	1,427	177
Goochland	126	91	35	108	78	30	96	71	25
Hanover	511	450	61	497	442	55	489	435	54
Henrico	1,755	1,299	456	2,084	1,749	335	1,914	1,630	284
New Kent	82	65	17	86	70	16	91	71	20
Powhatan	116	96	20	101	82	19	106	91	15
Richmond City	2,599	1,603	996	2,153	1,083	1,070	2,164	1,057	1,107
District 16	1,472	1,252	220	1,376	1,189	187	1,365	1,170	195
Caroline	155	88	67	158	88	70	166	98	68
King George	142	121	21	124	110	14	128	111	17
Spotsylvania	353	312	41	447	412	35	432	396	36
Stafford	396	352	44	446	421	25	433	397	36
Fredericksburg	426	379	47	201	158	43	206	168	38
District 17	350	255	95	304	219	85	321	234	87
Lancaster	101	70	31	79	55	24	86	58	28
Northumberland	89	63	26	74	49	25	73	52	21
Richmond	39	29	10	52	41	11	49	38	11
Westmoreland	121	93	28	99	74	25	113	86	27
District 18	580	468	112	555	450	105	545	444	101
Essex	69	40	29	62	36	26	55	30	25
Gloucester	227	209	18	248	228	20	247	232	15
King and Queen	40	29	11	43	28	15	43	30	13
King William	85	59	26	55	47	19	62	40	22
Mathews	74	62	12	72	58	14	75	59	16
Middlesex	85	69	16	64	53	11	63	53	10
District 19	1,948	1,209	739	1,405	892	513	1,345	849	496
Dinwiddie	109	68	41	164	111	53	140	103	37
Greensville	56	29	27	80	42	38	80	42	38
Prince George	214	152	62	201	159	42	211	172	39
Surry	42	23	19	41	26	15	41	24	17
Sussex	102	60	42	85	46	39	80	45	35
Colonial Heights	255	240	15	183	177	6	151	145	6
Emporia	281	138	143	39	20	19	41	24	17
Hopewell	284	225	59	233	177	56	235	169	66
Petersburg	605	274	331	379	134	245	366	125	241
District 20	11,082	8,193	2,889	9,861	7,210	2,651	9,636	7,122	2,514
Isle of Wight	185	122	63	175	116	59	167	117	50
Southampton	164	84	80	140	81	59	146	81	65
Chesapeake	1,123	826	297	1,249	909	340	1,141	862	279
Franklin City	51	33	18	56	23	33	52	24	28
Norfolk	3,927	2,585	1,342	3,038	1,916	1,122	3,294	2,095	1,199
Portsmouth	1,142	674	468	979	584	395	888	567	321
Suffolk	433	252	181	389	232	157	335	198	137
Virginia Beach	4,057	3,617	440	3,835	3,349	486	3,613	3,178	435
District 21	4,368	3,170	1,198	3,800	2,685	1,115	3,621	2,570	1,051
James City Co.	129	98	31	287	234	53	269	225	44
York	313	280	33	313	265	48	274	233	41
Hampton	1,327	895	432	1,314	875	439	1,206	811	395
Newport News	1,912	1,262	650	1,716	1,159	557	1,707	1,160	547
Poquoson	66	65	1	76	75	1	70	70	
Williamsburg	621	570	51	94	77	17	95	71	24
District 22	405	269	136	329	202	127	310	191	119
Accomack	285	204	81	220	144	76	211	138	73
Northampton	120	65	55	109	58	51	99	53	46
Unknown	145	84	61	3	3		7	5	2
Out-of-State	10	7	3	12,777	10,329	2,448	14,598	11,776	2,822

TABLE 48
MARRIAGES BY TYPE OF CEREMONY BY MONTH
VIRGINIA, 1987

Month	Total	Type of Ceremony		
		Religious	Civil	Unknown
TOTAL	67,004	41,666	25,280	58
January	3,142	1,649	1,483	10
February	4,334	2,463	1,863	8
March	4,047	2,146	1,892	9
April	5,195	3,115	2,069	11
May	7,085	4,682	2,399	4
June	7,488	5,173	2,314	1
July	5,978	3,609	2,366	3
August	6,690	4,413	2,270	7
September	6,262	4,112	2,150	
October	6,212	4,103	2,107	2
November	4,984	3,081	1,900	3
December	5,587	3,120	2,467	

TABLE 49
MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE BY PREVIOUS MARITAL STATUS OF GROOM ACCORDING TO RACE OF GROOM, VIRGINIA, 1987

Previous Marital Status of Groom	Total	Previous Marital Status of Bride				
		Single	Widowed	Divorced	Annulled	Unknown
TOTAL	67,004	42,691	2,134	22,071	3	105
Single	43,132	34,749	400	7,922	1	60
Widowed	1,879	239	760	878	1	1
Divorced	21,914	7,659	973	13,254	1	27
Annulled	3	1		2		
Unknown	76	43	1	15		17
WHITE (Total)	54,058	32,997	1,799	19,187	3	72
Single	33,522	26,648	281	6,555	1	37
Widowed	1,573	147	678	746	1	1
Divorced	18,899	6,169	839	11,871	1	19
Annulled	3	1		2		
Unknown	61	32	1	13		15
NONWHITE (Total)	12,946	9,694	335	2,884		33
Single	9,610	8,101	119	1,367		23
Widowed	306	92	82	132		
Divorced	3,015	1,490	134	1,383		8
Annulled						
Unknown	15	11		2		2

TABLE 50 - MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM, VIRGINIA, 1987

AGE OF GROOM (in years)	Total	AGE OF BRIDE (in years)																												
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +
TOTAL	67,004	37	147	834	1,263	3,376	3,541	3,907	4,255	4,434	4,300	4,100	3,799	3,377	2,928	2,670	2,392	2,144	1,947	1,730	1,574	1,413	5,478	3,161	1,790	944	547	417	296	137	66
Under 15 .																															
15	1		1																												
16	68		4	16	18	15	7	4	1	1		1																			
17	263	4	24	60	48	75	26	16	3	2	1	2						1	1												
18	1,177	7	29	145	184	394	192	88	57	30	15	10	7	4	2	4	1	3	1			1	1	1	1						
19	2,165	6	23	163	250	546	468	251	160	96	55	42	22	19	15	12	6	11	4	4	7	3	3	2	1						
20	2,914	8	20	121	208	615	572	512	299	167	107	84	45	34	27	23	9	11	8	4	8	5	18	3		1					
21	3,581	1	11	95	162	472	566	620	547	363	213	144	108	80	40	40	14	22	12	16	20	5	16	13	1						
22	4,013	1	11	61	138	368	437	557	614	603	365	227	158	130	82	51	61	39	20	20	17	12	27	6	2	1					
23	4,440	4	6	58	79	272	342	475	644	715	613	368	231	148	110	81	67	57	36	27	18	21	53	14	3						
24	4,178	2	6	35	52	180	235	358	492	520	612	519	340	234	130	112	89	55	41	32	20	28	61	17	6	1	1				
25	3,942	3	4	25	33	115	198	291	367	436	494	486	425	268	204	131	106	80	62	50	33	23	85	15	5	2	1				
26	3,809		3	17	24	104	139	189	256	344	377	462	441	390	239	211	145	115	85	60	38	37	102	20	4	2	1				
27	3,453		1	11	19	55	99	143	213	262	300	378	400	367	311	202	159	108	98	70	55	44	109	37	7	4	1				1
28	2,956	1	2	4	10	42	68	83	118	204	233	276	311	290	264	239	173	127	117	89	66	52	127	43	16	1					
29	2,799		1	5	8	29	52	80	106	138	183	239	280	285	238	238	205	154	108	100	78	56	152	54	8	1	1				
30	2,474			5	4	24	29	59	71	132	152	184	210	210	214	197	201	172	135	86	81	67	190	38	10	2	1				
31	2,292			2	6	16	26	37	69	84	111	159	172	157	191	187	170	168	152	120	107	67	224	50	11	4	2				
32	1,972			1	6	17	16	27	49	72	100	117	121	132	132	154	126	147	143	121	96	81	218	69	20	4	2		1		
33	1,839			2	6	7	8	23	41	55	94	86	89	122	121	136	132	150	108	121	105	94	249	56	30	3	1				
34	1,595		1		2	6	18	19	41	34	65	61	80	87	97	114	107	132	131	90	88	96	234	74	15	2		1			
35-39	6,409			3	3	13	31	51	75	119	144	178	241	281	328	340	385	366	422	412	398	374	1,451	581	160	45	5	2	1		
40-44	4,034			4	3	5	5	14	19	34	48	53	73	93	105	140	148	143	158	192	208	214	1,194	799	277	83	16	4	1		
45-49	2,367					3	3	6	8	14	5	16	33	27	43	37	58	45	68	53	75	84	525	630	471	110	42	7	2	2	
50-54	1,520			1		2	1	3	3	6	8	5	7	16	20	16	20	20	16	32	42	26	254	334	341	222	84	28	10	2	1
55-59	963					1		1	2	1	2	1	2	2	7	3	4	12	8	15	7	11	106	178	222	195	120	43	14	4	2
60-64	750						2			2	3	2	2	5	2	1	3	1	8	7	3	6	43	74	123	157	138	111	43	11	3
65-69	506												1		1		2	2	3	2	4	5	23	33	38	64	73	128	91	22	14
70-74	300						1									1			2	1	1	1	10	12	10	24	40	66	78	47	7
75+	224																				1		3	8	8	16	18	27	55	49	38

TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1987

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison-ment	Other & Unknown	Annul-ments
STATE OF VIRGINIA	25,608	21,573	4,035	23,980	882	289	58	323	76
District 1	449	445	4	420	21	4	1	3	
Lee	122	122		119	3				
Scott	93	92	1	90	3				
Wise	234	231	3	211	15	4	1	3	
Norton	(Included with Wise County)								
District 2	502	494	8	445	33	8	2	12	2
Buchanan	113	112	1	99	9			3	2
Dickenson	70	70		65	2		2	1	
Russell	117	116	1	105	8	2		2	
Tazewell	202	196	6	176	14	6		6	
District 3	745	734	11	701	23	10	2	6	3
Bland	30	29	1	26	2	1			1
Carroll	126	125	1	117	2	3		3	1
Grayson	88	87	1	80	4	2		2	
Smyth	141	137	4	134	5	1	1		
Washington	184	183	1	173	6	2	1	1	1
Wythe	102	101	1	100	2				
Bristol	74	72	2	71	2	1			
Galax	(Included with Carroll and Grayson Cos.)								
District 4	577	555	22	532	21	7	1	15	1
Floyd	47	47		38	5	2		1	1
Giles	66	65	1	60		1		5	
Montgomery	287	276	11	266	12	2		7	
Pulaski	128	124	4	124	1	1		2	
Radford	49	43	6	44	3	1	1		
District 5	1,193	1,085	108	1,018	106	15	2	45	2
Alleghany	78	73	5	59	7	4		8	
Botetourt	107	104	3	103	1	1		1	1
Craig	15	15		13	2				
Roanoke	353	344	9	315	25	4	3	5	1
Clifton Forge	20	17	3	15	2	1		2	
Covington	(Included with Alleghany County)								
Roanoke City	515	430	85	417	64	3	4	27	
Salem	105	102	3	96	5	2		2	
District 6	893	848	45	847	24	11	3	8	
Augusta	239	230	9	228	7	4			
Bath	18	14	4	13	4			1	
Highland	4	4		4					
Rockbridge	97	94	3	89	3	2	2	1	
Rockingham	321	313	8	308	5	5		3	
Buena Vista	24	22	2	23	1				
Harrisonburg	(Included with Rockingham County)								
Lexington	(Included with Rockbridge County)								
Staunton	106	91	15	99	4			3	
Waynesboro	84	80	4	83			1		
District 7	604	581	23	576	13	5	2	8	
Clarke	37	36	1	37					
Frederick	150	149	1	146	3	1			
Page	95	93	2	86	4	2	1	2	
Shenandoah	98	96	2	95	2	1			
Warren	109	103	6	102	2	1	1	3	
Winchester	115	104	11	110	2			3	
District 8	5,654	4,955	699	5,395	128	62	6	40	23
Arlington	687	572	115	645	24	4		10	4
Fairfax	3,117	2,770	347	2,991	54	38	4	16	14
Loudoun	328	308	20	314	4	4		5	1
Prince William	978	893	85	938	21	10	1	4	4
Alexandria	544	412	132	507	25	6	1	5	
Fairfax City	(Included with Fairfax County)								
Falls Church	(Included with Fairfax County)								
Manassas	(Included with Prince William County)								
Manassas Park	(Included with Prince William County)								
District 9	454	419	35	420	13	6	1	13	1
Culpeper	117	109	8	109	2	1	1	4	
Fauquier	183	168	15	174	4	2		2	1
Madison	39	36	3	35	2	1		1	
Orange	82	75	7	72	4	1		5	
Rappahannock	33	31	2	30	1	1		1	
District 10	627	535	92	590	13	11	1	10	2
Albemarle	269	237	32	257	3	5		3	1
Fluvanna	30	23	7	27	1	1		1	
Greene	38	37	1	34		2		2	
Louisa	92	74	18	84	5		1	2	
Nelson	49	46	3	49					
Charlottesville	149	118	31	139	4	3		2	1
District 11	867	749	118	781	29	33	3	21	
Amherst	106	93	13	90	2	9		5	
Appomattox	59	47	12	50	5	2		2	
Bedford	193	184	9	166	12	6	2	7	
Campbell	215	201	14	199	7	7		2	
Bedford City	(Included with Bedford County)								
Lynchburg	294	224	70	276	3	9	1	5	

(continued)

TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1987 (continued)

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison-ment	Other & Unknown	Annul-ments
STATE OF VIRGINIA	25,608	21,573	4,035	23,980	882	289	58	323	76
District 12	986	795	191	920	40	11	5	9	1
Franklin	96	86	10	88	4			4	
Henry	313	260	53	289	15	3	2	4	
Patrick	75	72	3	72	1	2			
Pittsylvania	256	200	56	244	8	3		1	
Danville	179	126	53	164	9	3	3		
Martinsville	67	51	16	63	3				1
District 13	304	201	103	278	17	4		4	1
Brunswick	46	22	24	42	2			2	
Halifax	125	86	39	116	6	2			1
Mecklenburg	133	93	40	120	9	2		2	
South Boston	(Included with Halifax County)								
District 14	251	185	66	243	1	4		2	1
Amelia	25	18	7	25					
Buckingham	30	23	7	30					
Charlotte	45	34	11	42		2		1	
Cumberland	26	24	2	25	1				
Lunenburg	37	25	12	37					
Nottoway	36	26	10	34		1		1	
Prince Edward	52	35	17	50		1			1
District 15	1,337	2,545	792	3,179	87	24	12	29	6
Charles City Co.	19	8	11	19					
Chesterfield	982	906	76	926	29	10	3	10	4
Goochland	54	41	13	51	2	1			
Hanover	237	214	23	221	7	4	1	4	
Henrico	997	840	157	958	24	4	4	7	
New Kent	38	32	6	37	1				
Powhatan	45	40	5	44				1	
Richmond City	965	464	501	923	24	5	4	7	2
District 16	642	580	62	617	12	5	2	4	2
Caroline	65	46	19	63				1	1
King George	48	42	6	46	1	1			
Spotsylvania	208	195	13	203	2	2	1		
Stafford	237	229	8	223	9	2	1	2	
Fredericksburg	84	68	16	82				1	1
District 17	130	101	29	122	6			2	
Lancaster	30	26	4	28	1			1	
Northumberland	22	18	4	20	2				
Richmond	28	21	7	26	1			1	
Westmoreland	50	36	14	48	2				
District 18	293	252	41	272	6	6	1	6	2
Essex	22	16	6	22					
Gloucester	146	131	15	139	2	4			1
King and Queen	29	20	9	27	1			1	
King William	33	28	5	27	2	1	1	2	
Mathews	35	33	2	32				2	1
Middlesex	28	24	4	25	1	1		1	
District 19	671	457	214	631	22	9		7	2
Dinwiddie	78	60	18	73	2	3		1	
Greensville	43	25	18	40	3			1	
Prince George	99	79	20	93	4	2			
Surry	11	6	5	11					
Sussex	34	20	14	33	1				
Colonial Heights	80	80		74	3	3			
Emporia	(Included with Greensville County)								
Hopewell	138	117	21	127	5	2		3	1
Petersburg	188	70	118	180	5			2	1
District 20	4,466	3,585	881	4,112	228	43	7	54	22
Isle of Wight	71	52	19	68	2	1			
Southampton	55	39	16	52	3				
Chesapeake	641	506	135	582	44	3	2	9	1
Franklin City	(Included with Southampton County)								
Norfolk	1,194	849	345	1,096	63	12	1	13	9
Portsmouth	506	369	137	462	24	3	1	14	2
Suffolk	168	108	60	158	9			1	
Virginia Beach	1,831	1,662	169	1,694	83	24	3	17	10
District 21	1,805	1,373	432	1,729	37	10	2	23	4
James City Co.	142	120	22	131	7	1		3	
York	190	159	31	181	2	1		6	
Hampton	585	423	162	560	10	4		8	3
Newport News	867	654	213	836	18	4	2	6	1
Poquoson	(Included with York County)								
Williamsburg	21	17	4	21					
District 22	158	99	59	152	2	1		2	1
Accomack	88	56	32	84	2			2	
Northampton	70	43	27	68		1			1

TABLE 52
DIVORCES (INCLUDING ANNULMENTS) AND ANNULMENTS ONLY BY RACE BY MONTH OF DECREE
VIRGINIA, 1987

Month	Final Divorces (including Annulments)			Annulments Only		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	25,608	21,573	4,035	76	59	17
January	1,517	1,314	203	7	6	1
February	1,659	1,400	259	4	3	1
March	2,116	1,759	357	4	3	1
April	2,106	1,792	314	8	7	1
May	1,901	1,605	296	4	2	2
June	2,635	2,217	418	3	2	1
July	2,286	1,931	355	5	4	1
August	2,078	1,712	366	6	5	1
September	2,312	1,924	388	9	5	4
October	2,076	1,752	324	9	8	1
November	2,030	1,684	346	7	6	1
December	2,892	2,483	409	10	8	2

TABLE 53
DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND BY PLACE OF MARRIAGE
AND NUMBER OF MINOR CHILDREN IN FAMILY, VIRGINIA, 1987

Place of Marriage/Minor Children	Total	White	Nonwhite
ALL DIVORCES AND ANNULMENTS	25,608	21,573	4,035
By place of marriage:			
State of Virginia	17,309	14,443	2,866
Outside of Virginia	8,285	7,118	1,167
Unknown	14	12	2
By number of minor children in family:			
No children	12,867	10,912	1,955
1 child	6,856	5,750	1,106
2 children	4,422	3,746	676
3 children	995	803	192
4 children	175	129	46
5 children	31	21	10
6 children	12	3	9
7 children	2	1	1
8 children			
9 children			
10 children or more	2	2	
Unknown	246	206	40

TABLE 34

DIVORCES (INCLUDING ANNULMENTS) BY DURATION OF MARRIAGE AND PERSON GRANTED DIVORCE BY PLAINTIFF AND CAUSE OF DIVORCE, VIRGINIA, 1987

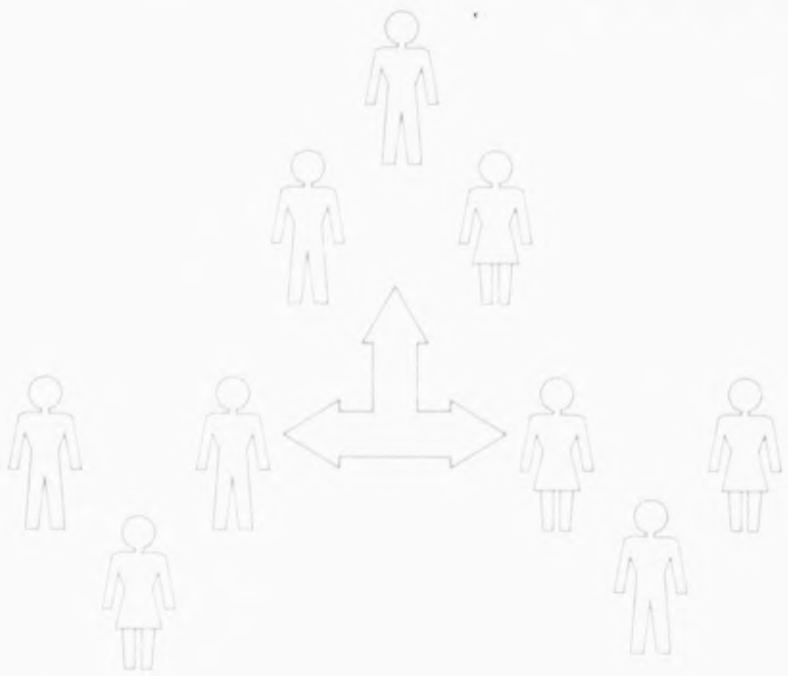
Cause	PLAINTIFF	TOTAL	DURATION OF MARRIAGE IN YEARS																		GRANTED TO		
			Under 1 Year	1	2	3	4	5	6	7	8	9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Unk.	Husband	Wife	Other & Unknown
ALL CAUSES	Total	25,608	138	1,224	2,031	2,268	2,138	1,920	1,756	1,536	1,305	1,121	4,065	2,626	1,784	886	438	203	148	21	10,325	14,624	659
	Husband	10,307	52	476	823	892	824	728	676	578	537	427	1,843	1,132	749	382	198	101	79	9	9,671	390	246
	Wife	15,242	85	742	1,202	1,374	1,309	1,191	1,075	954	767	690	2,414	1,488	1,029	502	238	102	68	12	643	14,222	377
	Oth./Unk.	59	1	6	6	2	5	3	5	4	1	4	8	6	6	2	2		1		11	12	36
Separation for more than six months	Total	23,980	107	1,142	1,913	2,140	2,040	1,803	1,668	1,456	1,225	1,050	3,791	2,437	1,637	827	400	189	135	20	9,292	13,624	564
	Husband	9,769	43	449	781	848	787	681	644	551	514	412	1,552	1,072	704	386	188	95	73	9	9,207	143	219
	Wife	14,163	63	690	1,129	1,291	1,249	1,119	1,020	902	710	635	2,231	1,360	928	460	210	94	61	11	575	13,271	317
	Oth./Unk.	48	1	3	3	1	4	3	4	3	1	3	8	5	5	1	2		1		10	10	28
Desertion	Total	882	1	39	62	68	53	64	56	44	32	36	152	117	78	39	22	9	10		313	538	31
	Husband	326	1	12	30	27	22	17	28	18	15	9	47	41	26	11	5	4	4		282	33	11
	Wife	553		27	30	41	31	37	28	26	17	28	105	75	52	28	17	5	6		30	505	18
	Oth./Unk	3			2									1							1		2
Adultery, Sodomy	Total	289	3	7	10	16	17	19	10	14	17	18	59	36	41	10	8	3	1		131	148	10
	Husband	113	1	5	4	9	7	14		8	4	4	29	10	11	2	2	1			101	9	2
	Wife	176	2	1	6	7	10	5	10	6	13	14	30	26	29	8	6	2	1		30	139	7
	Oth./Unk.	1													1								1
Imprisonment	Total	58		6	14	7	2	6	1	2	2	4	10	2	1		1				3	54	1
	Husband	4		1	1						1		1								3		1
	Wife	54		5	13	7	2	6	1	2	1	4	9	2	1		1					54	
	Oth./Unk.																						
Cruelty	Total	176	1	7	13	14	12	16	10	11	14	5	26	22	15	6	3	1			25	141	10
	Husband	23		2	3	7	5	2	2	3	2	2	2	4	3	1	1				20	3	
	Wife	153	1	5	10	13	12	15	8	10	14	3	24	18	12	5	2	1			5	138	10
	Oth./Unk.																						
Infamous Offense	Total	1								1												1	
	Husband																						
	Wife	1								1												1	
	Oth./Unk.																						
Other/Unknown	Total	146	1	11	10	13	12	3	8	8	9	8	22	11	11	4	4		2	1	41	64	41
	Husband	53	1	6	2	5	7	3	2		2	1	11	4	4	2	2		2		39	1	13
	Wife	86		5	7	4	4		5	7	7	6	11	7	7	2	2			1	2	61	23
	Oth./Unk.	7			1	1	1		1	1		1				1						2	5
Annulments	Total	76	22	12	9	8	2	3	3		6		5	1	1			1			20	54	2
	Husband	20	6	3	2	2	1	1			1		1		1			1			19	1	
	Wife	56	19	9	7	6	1	2	3		5		4	1							1	53	2
	Oth./Unk.																						

TABLE 55

DIVORCES (INCLUDING ANNULMENTS) BY AGE OF WIFE BY AGE OF HUSBAND, VIRGINIA, 1987

Age of Husband (in years)	Total	AGE OF WIFE (in years)																											
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +	Unk.
TOTAL	25,608	5	16	98	170	370	552	786	961	1,103	1,134	1,162	1,176	1,155	1,135	1,112	1,123	1,003	1,068	945	4,125	3,000	1,543	772	425	241	116	51	26	235
15																														
16																														
17	1					1																								
18	6			2	3						1																			
19	42	1	2	7	14	9	5	1	1	1											1									
20	117	1	2	18	19	25	21	13	3	2	1	2	1		2	1	1		1	1	1									2
21	245		6	26	35	60	41	35	15	6	7	3	1	2	1							2								1
22	421			7	32	71	85	87	47	20	25	7	9	11	3	5	3	1		3	3	2								4
23	602		2	9	21	57	103	128	98	74	29	18	10	15	6	7	6	5	4	2	2	2								4
24	707	1		7	13	38	83	132	131	128	67	47	24	7	10	10	5	3		5	6	4								6
25	906		1	4	15	35	71	110	169	158	130	72	47	24	23	9	6	4	7	5	10	1	1							5
26	1,032	1		4	4	22	50	70	125	191	179	121	79	44	27	22	16	11	10	15	23	6	2			1				9
27	978			2	5	16	27	60	84	117	131	167	141	74	43	31	19	9	10	8	23	6	2							3
28	1,086			2	2	9	24	35	76	110	122	147	176	128	72	43	25	23	25	6	27	12	2	1	1					5
29	1,120				2	3	20	30	49	77	112	131	134	173	140	78	38	28	24	28	26	10	7	1	1					8
30	1,155		1	1	5	4	9	16	42	47	76	115	143	157	136	136	84	39	32	26	51	15	6	2						12
31	1,145	1		1	1	3	6	13	25	33	69	77	106	121	132	149	138	75	54	36	68	20	6	1						10
32	1,097				1	3	10	21	31	39	59	80	103	131	114	141	131	93	35	73	21	8	1	1						1
33	1,080			1		1	3	12	13	24	35	50	59	72	92	115	150	133	100	66	111	28	5	2						8
34	1,005					2	7	5	14	15	20	32	31	51	70	87	104	116	135	102	153	46	7							8
35-39	4,573			2		6	8	17	27	46	57	75	84	120	169	212	275	307	409	419	1,826	365	92	15	7	2				33
40-44	3,419			2		3	4	2	8	13	21	19	29	36	43	59	75	79	106	124	1,211	1,300	197	41	10	1	1			35
45-49	2,061					1	1	3	3	3	4	7	6	8	15	12	16	22	28	37	332	789	616	106	21	4	1			26
50-54	1,200								1	1		2	2	5	6	8	9	9	16	17	95	244	395	300	54	15	4	4		13
55-59	647				1					1		2	2	1		1	3	3	2	5	35	71	113	195	158	35	8	3		8
60-64	422											1				1	2	2	1	2	2	21	33	48	62	116	92	20	6	4	9
65-69	203																					7	4	24	27	32	57	38	8	1	5
70-74	101													1					1			1	2	4	7	10	19	32	17	6	1
75 & Over.	63																						3	1	3	6	10	9	13	15	3
Unknown ..	174				2		4	1	7	6	4	4	6	11	4	9	11	9	3	10	3	19	14	7	8	8	5	3			16

Communicable Disease



The number of reported cases of aseptic meningitis decreased in 1987. The etiologic agent was reported for only 3 percent of the 281 cases. Of the eight agents reported, 7 were enteroviruses.

In 1987, 185 cases of bacterial meningitis (excluding meningococcal) were reported. This represents a 23 percent decrease from the 239 cases reported in 1986. The predominating etiologies included Haemophilus influenzae (48 percent), Streptococcus pneumoniae (22 percent), and Listeria monocytogenes (8 percent). Of the 31 bacterial meningitis deaths reported (excluding meningococcal), 13 percent were due to H. influenzae, 32 percent were due to S. pneumoniae and 26 percent were due to L. monocytogenes. Twenty-two percent of the H. influenzae meningitis cases were reported to be ampicillin resistant.

A total of 639 cases of Campylobacter infections were reported in 1987, representing an 8 percent increase over the previous year. Cases were almost evenly distributed between males and females, 51 percent and 49 percent respectively. C. jejuni accounted for 95 percent of the 417 cases whose species were identified. One death was reported.

Forty-three cases of encephalitis were reported in 1987. Twelve cases were due to herpes virus which included 2 cases of encephalitis secondary to chickenpox. The etiologic agent was not identified for 12 of 19 fatal cases.

Reported cases of giardiasis decreased for the second consecutive year. The 262 cases reported in 1987 represented a 13 percent decrease from the 302 cases reported in 1986 and a 36 percent decrease from the peak of 408 cases reported in 1985.

The number of reported cases of hepatitis A (244) increased in 1987. Approximately 85 percent of hepatitis A cases occurred in persons under forty years of age and the male to female ratio was 1.6:1. Forty-six percent of the cases were reported from southwest Virginia compared to 26 percent of the 153 cases reported in 1986. No deaths due to hepatitis A were reported in 1987.

Unlike hepatitis A, the number of reported hepatitis B cases (448) decreased in 1987 after remaining fairly stable for the last four years (540 cases in 1986, 558 in 1985, 522 in 1984, and 528 in 1983). As with hepatitis A, the majority (85 percent) occurred in persons under forty years of age. The male to female ratio was 1.7:1. The 14 deaths (12 males and 2 females) ranged in age from 26 to 85 years.

The number of reported hepatitis Non-A, Non-B cases decreased to 51 in 1987. Four deaths (all females) were reported among the 26 male and 25 female cases.

Eight cases of histoplasmosis were reported in 1987. Six of the reported cases were males, however, the 1 death was in a 63 year old female.

Kawasaki syndrome cases ranged in age from 11 months to 10 years. Of the 31 reported cases (no deaths), 58 percent were males. Children under 4 years of age accounted for 77 percent of the total number of reported cases.

The number of reported cases of legionellosis decreased in 1987. Males accounted for 58 percent of the 12 cases which ranged in age from 37 to 88 years. One death was reported in an 83 year old male.

Voluntary reporting of Lyme disease (a tickborne illness) resulted in 27 cases being reported in 1987. The cases ranged in age from 3 to 75 years with 70 percent of cases being over 30. The geographic distribution of cases was highest in the south central and eastern areas of the state which accounted for 89 percent of the reported cases.

Twenty-seven cases of malaria were reported during 1987. Africa was the geographic origin of malaria for 16 cases (59 percent) followed by India with 4 cases (15 percent). Twelve cases were confirmed as Plasmodium vivax, 3 as P. falciparum, and 2 as P. malariae. The species was not determined for ten cases.

A total of 72 cases of meningococcal infections were reported in 1987, representing a 9 percent decrease from the 79 reported cases in 1986. Children under the age of 5 continued to represent approximately 40 percent of all reported cases. The 5 reported deaths ranged in age from 3 to 58 years.

Two cases of Q fever (1 male and 1 female) were reported in 1987.

Animal rabies cases increased for the second consecutive year. The 363 cases reported in 1987 represented an 82 percent increase above the 1986 total of 200 cases. Raccoons continued to represent the highest number of rabid animals reported (254). Skunks accounted for 57 cases, foxes 23, cats 12, bats 6, cattle 3, beavers 2, dogs 2, horses 2, goats 1, and groundhogs 1.

Reported cases of Rocky Mountain spotted fever (RMSF) decreased in 1987. Fifty-five percent of the 22 RMSF cases reported were under thirty years of age and males continued to outnumber females 2 to 1. As with Lyme disease, the majority (67 percent) of cases were reported from the south central and eastern areas of the state. No deaths due to RMSF were reported.

In 1987, 1830 Salmonella infections (exclusive of S. typhi) were reported. The predominating serotypes continued to be S. typhimurium (29 percent), S. heidelberg (13 percent), S. enteritidis (11 percent), and S. hadar (7 percent). The 7 deaths reported included 1 infant and 6 adults. Of the 6 adults, 5 were over 64 years of age.

The number of reported cases of shigellosis increased for the second consecutive year in 1987. There were 247 cases reported as compared to 101 cases reported in 1986. The species was available for 224 cases. Shigella sonnei accounted for the majority (184) of those, followed by S. flexneri (37), S. boydii (2), and S. dysenteriae (1). No deaths due to Shigella were reported.

One Toxic shock syndrome (TSS) case was reported in a 23 year old female who survived.

Five cases of trichinosis from 1 locality were reported in 1987. All five cases (4 males and 1 female) were related to a common source exposure. No deaths were reported.

Two cases of tularemia were reported in 1987. Both cases were males and both survived.

Ten cases of typhoid fever were reported from 3 localities in 1987. The distribution of cases by sex included 5 males and 5 females. Cases ranged in age from 1 to 27 years. Five (50 percent) of the typhoid fever cases reported in 1987 were exposed to S. typhi outside the United States. No deaths associated with typhoid fever were reported.

Reported cases of yersiniosis decreased in 1987. Twenty-six (96 percent) of the 27 reported cases were due to Y. enterocolitica. Females outnumbered males 2 to 1. Children under 10 years of age accounted for 74 percent of the reported cases.

There were no cases of brucellosis, leprosy, psittacosis, or Reye's syndrome reported in 1987.

TUBERCULOSIS

There were 458 tuberculosis cases reported in Virginia in 1987 for a case rate of 7.8 per 100,000 population. This compares with a national case rate of 9.3 per 100,000.

Sixteen percent (16 percent) of the Virginia cases occurred among the foreign born, while forty-two percent (42 percent) of all cases were sixty-five years or older. Rates for nonwhites were at least four times greater than whites in all age cohorts.

VACCINE-PREVENTABLE DISEASES

Reported cases of vaccine-preventable diseases (148) decreased in 1987 as compared to the previous year (162).

Mumps morbidity increased from 46 cases in 1986 to 88 cases in 1987.

Measles morbidity decreased from 60 cases in 1986 to only 1 case in 1987.

Reported cases of pertussis increased from 56 cases in 1986 to 58 cases in 1987.

Reported cases of rubella (German measles) increased from 0 in 1986 to 1 in 1987.

There were no cases of polio, diphtheria, or tetanus reported in 1987.

SEXUALLY TRANSMITTED DISEASES (STD)

During 1987, a total of 1,047 cases of syphilis were reported in Virginia: 318 primary and secondary cases (a 2.5 percent decrease from 1986); 250 early latent cases (a 3.7 percent increase over 1986); and 479 other syphilis cases (a 5.0 percent increase over 1986). The total reported early syphilis cases (568) increased by 0.2 percent over the 567 cases reported in 1986.

There was a decrease of 23.4 percent in total gonorrhea cases reported, from 18,742 cases in 1986 to the 14,353 cases in 1987. The 8,096 cases in males represented a 22.1 percent decrease compared to the 10,398 cases reported in 1986. Gonorrhea cases in females numbered 6,257, a 25.0 percent decrease from the 8,344 cases reported in 1986. The overall decrease in gonorrhea follows a trend which began in 1976.

Sexually transmitted disease epidemiologists applied aggressive contact interview/referral procedures to 2,239 high risk gonorrhea patients during calendar year 1987 compared to 2,821 high risk patients in 1986. The targeted high risk groups were females with gonococcal pelvic inflammatory disease (PID), asymptomatically infected male sex partners, pregnant females, male/female repeaters (two or more infections within six consecutive months), culture positive females from hospital emergency rooms, patients infected with Penicillinase Producing Neisseria Gonorrhoeae (PPNG), Tetracycline Resistant Neisseria Gonorrhoeae (TRNG), and Chromosomally Mediated Resistant Neisseria Gonorrhoeae (CMRNG).

The 519 gonococcal PID cases reported in 1987 represented a 29.5 percent decrease from the 736 cases reported in 1986. The percent of gonococcal PID among total reported gonorrhea cases in females decreased from 8.8 percent in 1986 to 8.2 percent in 1987. This decrease in percent was due mainly to the decrease in total female gonorrhea cases reported.

A total of 153 PPNG cases were identified in 1987 compared to 73 in 1986, a 109.6 percent increase. Resistant gonorrhea is becoming endemic in the United States. Twenty percent of the 153 cases were identified through use of the epidemiologic process, 10 percent through screening, and 67 percent from volunteers. Fifty-two percent of the cases were in males, and 48 percent in females, which parallels Virginia's total gonorrhea morbidity (56 percent males and 44 percent females). A significant number of reported patients infected with resistant gonorrhea (50 percent) lived in and around the Tidewater area.

Nine cases of Chromosomally Mediated Resistant Neisseria Gonorrhoeae (CMRNG) were identified in 1987, a 35.7 percent decrease from 1986. There were also 29 Tetracycline Resistant Neisseria Gonorrhoeae (TRNG) cases identified in 1987, a 45.0 percent increase over 1986. Males outnumbered females in reported CMRNG (56 percent vs. 44 percent), whereas females outnumbered males with TRNG (55 percent females vs. 45 percent males). Eleven percent of CMRNG cases and 45 percent of the TRNG cases were identified through screening.

There were 270 cases of Acquired Immunodeficiency Syndrome (AIDS) reported in 1987, a 59.8 percent increase over the 169 cases reported the previous year. The vast majority were reported from the Northern Region, the area which makes up Virginia's portion of the Washington, D.C. suburbs. Beginning in May of 1986, STD Clinic patients were offered Human Immunodeficiency Virus (HIV) antibody testing, pre- and post-test counseling, sex partner referral and counseling. Testing for HIV antibody has been expanded to include other health department clinics.

TABLE 56
REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES WITH CASE RATES PER 100,000 ESTIMATED POPULATION
VIRGINIA, 1978-1987

Year	AIDS			AMEBIASIS			BRUCELLOSIS			CHICKENPOX			HEPATITIS (All Types)			LEGIONELLOSIS		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1978	N.A.		N.A.	35	0.7	0	6	0.1	0	1,076	20.9	5	769	14.9	N.A.	17	0.3	N.A.
1979	N.A.		N.A.	49	0.9	0	17	0.3	0	963	18.3	2	938	17.8	N.A.	18	0.3	1
1980	N.A.		N.A.	63	1.2	1	5	0.1	0	483	9.0	1	999	18.7	N.A.	19	0.4	0
1981	N.A.		N.A.	39	0.7	0	9	0.2	0	1,723	31.7	1	914	16.8	N.A.	21	0.4	0
1982	6	0.1	N.A.	68	1.2	0	11	0.2	0	924	16.9	0	887	16.2	N.A.	29	0.5	4
1983	25	0.5	5	91	1.6	1	24	0.4	0	1,277	23.1	1	830	15.0	N.A.	24	0.4	5
1984	39	0.7	17	33	0.6	0	8	0.1	0	1,189	21.2	0	793	14.2	N.A.	33	0.6	3
1985	104	1.8	41	78	1.4	0	3	0.1	0	1,789	31.2	1	886	15.5	N.A.	27	0.5	2
1986	169	2.9	80	44	0.8	0	3	0.1	0	2,324	40.1	2	812	14.0	N.A.	29	0.5	6
1987	270	4.6	194	50	0.9	0	0	0.0	0	2,754	46.9	0	939	16.0	N.A.	12	0.2	7

Year	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS			MENINGITIS (ASEPTIC)			MUMPS			PERTUSSIS			ROCKY MOUNTAIN SPOTTED FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1978	2,837	55.1	1	73	1.4	9	193	3.7	N.A.	196	3.8	0	18	0.3	0	111	2.2	4
1979	288	5.5	0	87	1.7	15	266	5.1	N.A.	105	2.0	0	16	0.3	0	90	1.7	2
1980	339	6.3	0	67	1.3	8	188	3.5	N.A.	87	1.6	0	10	0.2	0	96	1.8	0
1981	18	0.3	0	103	1.9	18	274	5.0	N.A.	134	2.5	0	10	0.2	0	105	1.9	1
1982	14	0.3	0	72	1.3	3	262	4.8	N.A.	44	0.8	0	29	0.5	0	74	1.4	3
1983	23	0.4	0	81	1.5	11	338	6.1	N.A.	37	0.7	0	50	0.9	0	60	1.1	3
1984	5	0.1	0	66	1.2	7	264	4.7	N.A.	20	0.4	0	19	0.3	0	47	0.8	1
1985	28	0.5	0	57	1.0	5	418	7.3	N.A.	49	0.9	0	21	0.4	0	24	0.4	0
1986	60	1.0	0	79	1.4	3	311	5.4	N.A.	46	0.8	0	56	1.0	0	51	0.9	2
1987	1	*	0	72	1.2	5	281	4.8	N.A.	88	1.5	0	58	1.0	0	22	0.4	0

Year	RUBELLA			SALMONELLOSIS			SHIGELLOSIS			TETANUS			TULAREMIA			TYPHOID FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1978	247	4.8	0	990	19.2	3	142	2.8	0	1	*	1	5	0.1	0	4	0.1	0
1979	208	4.0	0	1,151	21.9	3	274	5.2	0	3	0.1	0	2	*	0	6	0.1	0
1980	42	0.8	0	1,303	24.4	3	198	3.7	0	3	0.1	0	1	*	0	9	0.2	0
1981	9	0.2	0	1,572	29.0	4	1,211	22.3	0	0	0.0	0	4	0.1	0	1	*	0
1982	12	0.2	0	1,468	26.9	1	159	2.9	0	2	*	0	5	0.1	0	4	0.1	0
1983	2	*	0	1,471	26.6	2	285	5.2	0	2	*	1	1	*	0	16	0.3	0
1984	1	*	1	1,255	22.4	5	201	3.6	1	1	*	1	1	*	0	8	0.1	0
1985	2	*	0	1,651	28.8	3	88	1.5	1	3	0.1	0	1	*	0	3	0.1	0
1986	0	0.0	0	1,456	25.1	2	101	1.7	0	0	0.0	0	3	0.1	0	11	0.2	0
1987	1	*	0	1,830	31.2	6	247	4.2	0	0	0.0	0	2	*	0	10	0.2	0

NOTE: Numbers of deaths are from death certificate information.
N.A. = Not available.
* = Less than 0.05

TABLE 57

REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Chickenpox	Hepatitis				Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Encephalitis
				Type A	Type B	Type Unspecified	Type Non-A Non-B												
STATE OF VIRGINIA	50	281	2,754	244	448	196	51	12	27	1	72	88	58	1,830	247	458	22	1	43
District 1		2	7	1	1	1							13	10		5			
Lee			6										1	1		4			
Scott		2				1								4					
Wise			1	1	1								12	5		1			
Norton*																			
District 2		3	6	4	1	2	3					2	1	13	6	8			5
Buchanan		1					1								1	4			2
Dickenson		1	2	1								1		2					
Russell		1	3			2							1	2					
Tazewell			1	3	1		2					1		4	5	4			3
District 3		4	7	4	2	1	1	2			2			20	4	1	3		
Bland					1										2				
Carroll			1		1						1						1		
Grayson				1										1		2			
Smyth		1	1													3	1		
Washington		1	4	3			1	1			1			15	2	1	1		
Wythe		1						1											
Bristol		1						1						3		1			
Galax		1	1											1		1			
District 4		1	36	25	6		2							20	5	3			1
Floyd			1		1														
Giles			5	5															
Montgomery			27	19	3														
Pulaski		1			2		2							13	5	1			1
Radford			3	1										2		2			
														5					
District 5	2	24	56	20	43	16	3				1	1		55	5	10			3
Alleghany			2											5	5				
Botetourt			4	3	6	1								4		1			
Craig		1																	
Roanoke		5	15	16	4	7	1				1			13	1	2			1
Clifton Forge														1					
Covington*																			
Roanoke City	2	13	33	50	29	14	2				1	1		19	1	6			1
Salem		5	2	1	4		2					1		13		1			1
District 6	12	4	27	3	11	6	1	2			6	50		54	7	20	1		1
Augusta		1	14	1	3	3					3	47		16	1	4	1		
Bath														1		3			
Highland				1			1												
Rockbridge		1	2		1							2		3		2			
Rockingham	11	2			3			1			2	1		28	5	4			1
Buena Vista																1			
Harrisonburg*																2			
Lexington*																1			
Staunton*																1			
Waynesboro	1		11	1	4	1					2			6	1	2			

* Except for TB, data are included with adjacent county.

(continued)

TABLE 57

REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Chickenpox	Hepatitis				Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Encephalitis
				Type A	Type B	Type Unspecified	Type Non-A Non-B												
STATE OF VIRGINIA	50	281	2,754	244	448	196	51	12	20	1	72	88	58	1,830	247	458	22	1	43
District 7	8	16	13	6	3	1					2	3	2	39	6	17	2		2
Clarke	3													4					
Frederick	1	8		3	1	1					2			14	4	2	2		2
Page	1		1											7		1			
Shenandoah	3	6	1	3	2									9	1	4			
Warren		2	11										2	5	1	2			
Winchester*												3				8			
District 8	8	55	308	59	94	32	14	1	19		11	7	7	394	82	93	1		3
Arlington	1	11	13	12	18	6	2		1					46	10	16			
Fairfax	1	28	133	32	27	10	3	1	1		8	3	5	233	42	56			2
Loudoun	1	2	3			1					1			21	4	1			
Prince William	5	10	11	9	31	3	4		1		2	2		57	12	7	1		1
Alexandria		4	146	5	18	10	4		4			2	2	27	14	13			
Fairfax City*																			
Falls Church*																			
Manassas*																			
Manassas Park*																			
District 9	2	3	4	5	15	6	1					1	3	15	2	2			
Culpeper	1	1	1	4	11	2							3	3	1	1			
Fauquier			3	1	3									6					
Madison	1	1			1									1		1			
Orange						1	1							4	1				
Rappahannock		1										1		1					
District 10	1	16	18	2	8	10	1		2		1	1	2	22	6	7			3
Albemarle	1	13	13	2	8	9	1		2		1	1	2	17	6	2			1
Fluvanna		1	2											2					
Greene		1	1			1								3		1			
Louisa		1											2	1		2			2
Nelson			2											3		1			
Charlottesville*																			
District 11	1	10	56	1	15	3	2		2		2	2	2	60	2	9			1
Amherst	1		56	1	1	1								5		3			
Appomattox					1							1		3		1			
Bedford		2	1	1	1				1			1	1	4		1			
Campbell		4	1		6									7		2			
Bedford City*																			
Lynchburg		3			5	2	1		1		2	1	2	41	4	2			1
District 12		11	8	9	24	9	1	1			2		1	89	2	11			1
Franklin		4	1	5	6	7					1			3		2			
Henry			2	3	4	1					1			21	1	2			
Patrick						1								2	1				1
Pittsylvania		4	5	1	4	4		1			1			22					
Danville		3			10	2	1						1	41		7			
Martinsville*																			

* Except for TB, data are included with adjacent county.

(continued)

TABLE 57

REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Chickenpox	Hepatitis				Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Encephalitis
				Type A	Type B	Type Unspecified	Type Non-A Non-B												
STATE OF VIRGINIA	50	281	2,754	244	448	196	51	12	27	1	72	88	58	1,830	247	458	22	1	43
District 13		1	10			3		1			3			32		5	1		
Brunswick			3								1			5		2			
Halifax			1			1		1			1			17		2			
Mecklenburg		1	6			2					1			10		1	1		
South Boston*																			
District 14	1	5	3	2	4	4	1					1		53	4	8	2		2
Amelia	1													3	1				
Buckingham		1				2								7		1			1
Charlotte			2	1								1		11			1		
Cumberland														1	1	1			
Lunenburg		1	1			1								5	1	1			
Nottoway				1	2		1							13		2			1
Prince Edward		3			2	1								13	1	3	1		
District 15	3	37	50	21	75	23	3	2	1		2	2	2	351	15	63	2		3
Charles City Co.					1									3		1			
Chesterfield	2	9	4	2	14	3	1		1		1	1		79	2	11	1		
Goochland			2		3									8		2	1		
Hanover		2	4	1	6									32	3	1			1
Henrico		23	33		43	2	1	1					1	68	2	13			1
New Kent			1		1	2								2		1			
Powhatan					1									2		4			
Richmond City	1	3	6	18	37	14	1	1			1	1	5	157	8	30			1
District 16		5		2	4	2					1		2	46	43	11	1		2
Caroline					1									14	3	1			
King George		1												3	1				
Spotsylvania		1		1		1								4	12	3			1
Stafford		1		1	1	1					1			8	4	6	1		
Fredericksburg		2		3	2								2	17	23	1			1
District 17		2				1	1				1			17	1	5			
Lancaster		2												11		1			
Northumberland						1								3		2			
Richmond														1		1			
Westmoreland							1				1			2	1	1			
District 18		1	5	2	3						2	2		22		5			
Essex		1	1		1									5					
Gloucester		1	3	3							1	2		9		3			
King and Queen														3					
King William			2		2									3					
Mathews														2		1			
Middlesex																1			

* Except for TB, data are included with adjacent county.

(continued)

TABLE 47

REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1987 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Chickenpox	Hepatitis				Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Rocky Mountain Spotted Fever	Toxic Shock Syndrome	Encephalitis
				Type A	Type B	Type Unspecified	Type Non-A Non-B												
STATE OF VIRGINIA	50	281	2,754	244	448	196	51	12	27	1	72	88	58	1,830	247	458	22	1	43
District 19		12	11	1	14	8		1	1		1			102	5	35	3		1
Dinwiddie														4		2			
Greensville																			
Prince George		4	3											11		2			
Surry			1											2		3			1
Sussex				1	5	1								1					
Colonial Heights		3												5	2	7			
Emporia*														10			1		
Hopewell		5	6		1	1										5			
Petersburg			1		8	5		1						13		5	1		
District 20	2	58	2,055	15	98	34	11	1	1	1	26	13	16	211	42	85	1	1	13
Isle of Wight		1			3						1			5		1			
Southampton											1			8		4			
Chesapeake		10	31	2	15	3					5	2	4	19	1	8			6
Franklin City					2	2								4		2			
Norfolk		27	421	5	23	24	4				11		3	84	10	24			1
Portsmouth		5	69	1	32	2	1		1	1	1	2	4	23	22	18			1
Suffolk		2	8	1	3			1			1			26	6	13			
Virginia Beach	2	13	1,526	6	20	3	6				5	4	5	40	3	15	1	1	5
District 21	10	9	69	3	21	2	4	1	1			1	1	131	6	37	3		1
James City Co.			5		1									9					
York			2		2	3								2		1			
Hampton	10	1	3		5	3		1						28		15	1		
Newport News		5	44	4	11		2		1			1	1	70	6	17	1		1
Poquoson*																			
Williamsburg		3	13	1	2	1	2							22		4	1		
District 22			2		6	1	1							24	2	12	2		1
Accomack			2		4	1								17		11	2		1
Northampton					2		1							7	2	1			

* Except for TB, data are included with adjacent county.

OTHER DISEASES

DISEASE	NUMBER OF CASES	CITY/COUNTY	DISEASE	NUMBER OF CASES	CITY/COUNTY
Brucellosis	0		Typhoid Fever	10	Arlington (4)
Diphtheria	0				Fairfax (5)
Rubella (German Measles)	1	Newport News			Prince William
Tetanus	0				
Trichinosis	5	Page (5)			
Tularemia	2	Hampton			
		Norfolk			

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1987

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	15,405	1,047	318	250	479	14,353	5
District 1	16	2	1		1	14	
Lee	1					1	
Scott	1					1	
Wise	13	2	1		1	11	
Norton	1					1	
District 2	20	4	4			16	
Buchanan	2	1	1			1	
Dickenson	4	1	1			3	
Russell	4					4	
Tazewell	10	2	2			8	
District 3	85	1		1		84	
Bland							
Carroll	6					6	
Grayson	1					1	
Smyth	31	1		1		30	
Washington	17					17	
Wythe	5					5	
Bristol	19					19	
Galax	6					6	
District 4	71	1			1	70	
Floyd							
Giles	11	1			1	10	
Montgomery	24					24	
Pulaski	9					9	
Radford	27					27	
District 5	689	11	1	2	8	677	1
Alleghany	3					3	
Botetourt	8	2		1	1	6	
Craig	1					1	
Roanoke	10					10	
Clifton Forge	1					1	
Covington	4	1	1			3	
Roanoke City	635	8		1	7	626	1
Salem	25					25	
District 6	132	12	1	2	9	120	
Augusta	17					17	
Bath	3	1			1	2	
Highland							
Rockbridge	5					5	
Rockingham	13	3			3	10	
Buena Vista	5					5	
Harrisonburg	20	2		1	1	18	
Lexington	4					4	
Staunton	48	3			3	45	
Waynesboro	17	1	1	1		14	
District 7	112	23	5	5	13	89	
Clarke	9	3	1		2	6	
Frederick	10					10	
Page	2					2	
Shenandoah	4					4	
Warren	17					17	
Winchester	70	20	4	5	11	50	
District 8	2,367	232	55	27	150	2,134	1
Arlington	490	73	16	7	50	417	
Fairfax	609	45	8	2	35	563	1
Loudoun	46	5	2	1	2	41	
Prince William	217	4		1	3	213	
Alexandria	1,004	79	23	14	42	925	
Fairfax City	27	4	2	1	1	23	
Falls Church	64	15	4		11	49	
Manassas	106	6		1	5	100	
Manassas Park	4	1			1	3	
District 9	102	3			3	99	
Culpeper	56	2			2	54	
Fauquier	16					16	
Madison	10					10	
Orange	16	1			1	15	
Rappahannock	4					4	
District 10	242	16	2	4	10	226	
Albemarle	41	4		3	1	37	
Fluvanna	15					15	
Greene	7					7	
Louisa	12					12	
Nelson	19	7		1	6	12	
Charlottesville	148	5	2		3	143	
District 11	388					388	
Amherst	21					21	
Appomattox	9					9	
Bedford	9					9	
Campbell	42					42	
Bedford City	2					2	
Lynchburg	305					305	

(continued)

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE (continued)
VIRGINIA, 1987

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	15,405	1,067	318	250	479	14,353	5
District 12	568	66	18	32	16	502	
Franklin	20	2		1	1	18	
Henry	95	2	1	1		93	
Patrick	7	1	1			6	
Pittsylvania	104	14	3	4	7	90	
Danville	260	46	12	26	8	214	
Martinsville	82	1	1			81	
District 13	223	14	4	3	7	209	
Brunswick	34	6	2		4	28	
Halifax	93	3	1	1	1	90	
Mecklenburg	66	4	1	1	2	62	
South Boston	30	1		1		29	
District 14	185	14	4	1	9	171	
Amelia	10	1			1	9	
Buckingham	42	2			2	40	
Charlotte	36	4	2	1	1	32	
Cumberland	5	1	1			4	
Lunenburg	24					24	
Nottoway	33	3			3	30	
Prince Edward	35	3	1		2	32	
District 15	2,041	239	77	56	106	1,801	1
Charles City Co.	14					14	
Chesterfield	94	13	6	3	4	81	
Goochland	11	5		1	4	6	
Hanover	22	4		1	3	18	
Henrico	128	12	4	4	4	116	
New Kent	11	1	1			10	
Powhatan	20	17	1	1	15	3	
Richmond City	1,741	187	65	46	76	1,553	1
District 16	161	8	2	2	4	153	
Caroline	33	2		1	1	31	
King George	15	3	1		2	12	
Spotsylvania	16					16	
Stafford	26	1		1		25	
Fredericksburg	71	2	1		1	69	
District 17	74	9		4	5	65	
Lancaster	26	1			1	25	
Northumberland	9	1			1	8	
Richmond	8	3			3	5	
Westmoreland	31	4		4		27	
District 18	83	8		1	7	75	
Essex	26	1			1	25	
Gloucester	14	2			2	12	
King and Queen	11					11	
King William	21	3		1	2	18	
Mathews	6	2			2	4	
Middlesex	5					5	
District 19	503	68	37	21	10	435	
Dinwiddie	36	6	4	2		30	
Greensville	11	2		2		9	
Prince George	8	2	1	1		6	
Surry	24					24	
Sussex	52	1			1	51	
Colonial Heights	9					9	
Emporia	14	3	3			11	
Hopewell	27	4	1	3		23	
Petersburg	332	50	28	13	9	282	
District 20	5,244	232	89	71	72	5,010	2
Isle of Wight	83	3		1	2	80	
Southampton	86	2	1		1	84	
Chesapeake	547	22	5	8	9	525	
Franklin City	82	1			1	81	
Norfolk	2,230	111	47	41	23	2,117	2
Portsmouth	1,194	46	27	12	7	1,148	
Suffolk	439	14	3	5	6	425	
Virginia Beach	583	33	6	4	23	550	
District 21	1,900	56	11	15	30	1,844	
James City Co.	19					19	
York	30					30	
Hampton	548	18	6	3	9	530	
Newport News	1,191	34	4	9	21	1,157	
Poquoson	1					1	
Williamsburg	111	4	1	3		107	
District 22	199	28	7	3	18	171	
Accomack	116	14	3	3	8	102	
Northampton	83	14	4		10	69	